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62,23

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U.S. Department of Agriculture

1914 Thirty-Seventh Year

VAUGHAN'S

MARKET GARDENERS

Wholesale Price List

Vaughan's Southport Red Globe Onion

See Page 14

Our Southport Globe Onions Eastern Grown Under Our Direct Supervision

VAUGHAN'S SEED STORE

CHICAGO MARKET GARDENERS HEADQUARTERS

NEW YORK
43 Barclay St.

Greenhouses and Trial Grounds, Western Springs, Illinois

THIS LIST CANCELS ALL FORMER ISSUES

CHICAGO
31-33 W. Randolph St.
803 W. Randolph St.

VAUGHAN'S SEED STORE
CHICAGO NEW YORK

HOW TO ORDER

Please read the following carefully:

OUR TERMS ARE STRICTLY CASH WITH ORDER—We do not send C.O.D., as the cost of collecting return charges is quite an unnecessary item of expense, and the prices being given, we can conceive of no necessity to warrant goods being so sent.

HOW TO ORDER—Write your name, postoffice, state and express office plainly, with black ink, on every order and every time you write to us. Give plain shipping directions; where none are given us we use our best judgment, but it must be at the customer's expense and risk.

VERY IMPORTANT—We aim to fill your orders immediately, and you can greatly aid us in making them out on your Order Sheet as follows:

1. **Place the quantity wanted before each article.**
2. **Use one line for each kind ordered.**
3. **As nearly as possible make your list in the same order in which the seeds are catalogued, beginning at the front.**
4. **Kindly use Special Order Sheet for plant orders, and inquiries and other matters not pertaining to the order.**

HOW TO SEND MONEY—Send cash with order (as we do not open book accounts for small amounts, and can only send to the value of money received), by New York or Chicago Draft, Registered Letter or Postoffice or Express Money Order; all are cheap and absolutely safe. If local checks are used, 25 cents must be added to cover the cost of collecting. Make money orders payable to "Vaughan's Seed Store."

ORDERS—Order early. Do not wait until the rush of planting time. We strive to fill all orders promptly and at short notice, but a rush season always and everywhere has its inevitable delays. First come will be first served.

PERISHABLE STOCK—Onion Sets, Sweet Potatoes, etc., are sold and shipped only at buyer's risk. For damages arising from delay or from heating while in transit we will not be responsible.

OUR RESPONSIBILITY

It is so manifestly impossible for a seller of any perishable article to be responsible for what may happen to it after it leaves his hands, especially one like seeds, which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to the crop which may be raised from seeds which we sell.

At the same time in case of any failure to secure proper results caused from some inherent fault in the seeds themselves Vaughan's Seed Store accepts responsibility, not for crop, but to the extent of the amount of money paid for the seeds, if immediately advised. (Or seeds may be returned. See below.)

We wish it understood that all our seeds are sold under the following general non-warranty:

We **do not warrant** in any way, expressed or implied, the contents or the description, quality, productiveness or any other matter, of any seeds, bulbs, plants, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions, we make this sale at the moderate prices at which we sell our goods.

VAUGHAN'S SEED STORE

SEED CROPS Throughout the vegetable seed producing sections of the world the 1913 crops may generally be regarded as below normal. However, on account of increased acreages, there are few stringent shortages. Garden Beans are probably the most important of the short items and here, especially on Bush Wax Varieties, the situation is alarming. Users in quantity should cover early.

Other scarce seeds are Paris Golden Self-Blanching Celery, large varieties of Pepper, Egg Plant, Parsley, Early Seed Potatoes and a few kinds of American Early Cabbage. Prices on Peas, Beet, Carrot and Parsnip are much lower than last year and the seed is a better quality. Radish shows much better germination than last season. Flat Onion, or Set Seed, is in good supply with a large demand. The best quality Globe Onion Seed is not plenty and with a heavy demand, not unlikely on account of the present high onion prices, will be hard to locate late in the season.

Novelties and Specialties Varieties listed on this and the next page are entirely new sorts, or else new types or selections of old varieties, to which we wish to call especial attention—a reading we think well worth the time of an up-to-date gardener. No new sort is added to our list without a careful trial and to our best knowledge. "Old faces under new names" are entirely eliminated; also, we take enough pride in being up-to-date to offer proven, desirable novelties introduced by other seed houses under their right and orignal names.

GOPENHAGEN MARKET CABBAGE—The Best Early Flat Head Sort

Copenhagen Market Cabbage

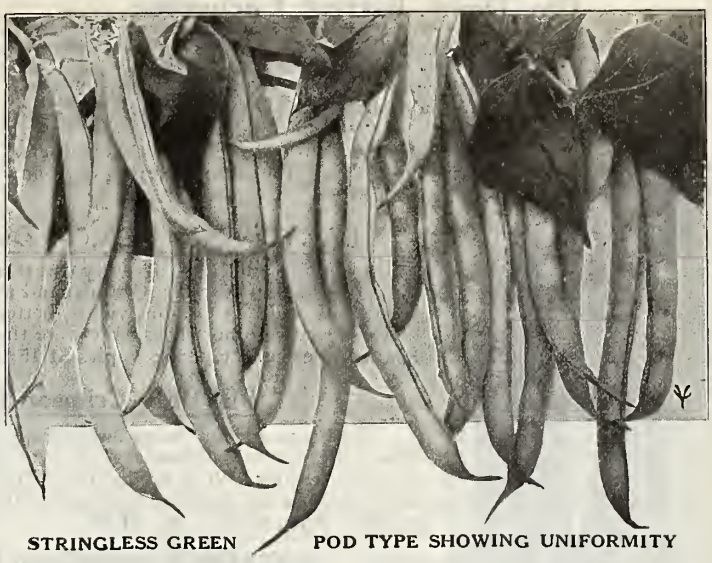
The illustration above is a good representation of this splendid, new, early Cabbage. It is the earliest large, round or flat-headed sort. It ripens early and uniformly and in season almost with Early Jersey Wakefield. The heads are of good size, averaging 10 pounds; very compact; its leaves, which are light green, are round, dish-shaped and fold tightly together; the stem is short and heads are formed close to the ground; all of which permits very close planting, so that more plants can be grown to on acre than is possible with most sorts. The most important introduction in Cabbage in a decade. **Oz., 35c; 2 oz,, 60c; ¼-lb., $1.15; 1 lb., $4.00.**

New Red Cabbage, Danish Stone Head

This is a fine, medium late, winter keeping, red Cabbage of the Danish type. The heads are round, or ball-shaped, very solid, and of intense, deep red color. The color, size of heads, and remarkable keeping quality make it a very profitable variety for the market grower. **Packet, 10c; ½ oz., 20c; oz., 35c; 2 oz., 60c; ¼ lb., $1.00: lb., $3.50.**

New Carrot, London Market

Quite a distinct sort. In size and shape it resembles the Danvers, but has a much greater depth of color. The flesh is solid, crisp and tender; without core usually found in large varieties, **Oz,, 20c; ¼ lb., 35c; lb., $1.25.**



STRINGLESS GREEN POD TYPE SHOWING UNIFORMITY

PURE BRED BEANS

Our Beans are grown under our direct supervision, or on our own farms in Central Michigan. We have been improving our stock for the past seven years, and as a result of this work we are able to offer to our customers strains of seed we know to be right. The superiority of our stock of Beans is based on the following points: Trueness to type—every field carefully cleared of "off" plants; chance mixtures in threshing eliminated; we are "line breeding." Vigor—our seed is almost free from blight or anthracnose. Sample—we put more expense on cleaning and picking our Beans than does any other firm. See pages 5 and 6.

Early Iowa Sweet Corn

The earliest Sweet Corn which produces ears of remarkable size. Earlier than Early Red, Early White, or Mammoth White Cory. Pint, 15c; qt., 25c: ½ pk., 65c; pk., $1.25; bu., $5.00.

Bantam Evergreen Sugar Corn

A cross between Golden Bantam and Stowell's Evergreen Sweet Corns —the first really high quality, good size Yellow Sweet Corn. We call this the sweetest of all sugar corns. Pint, 25c; qt., 45c.

Celery, the Best White

Vaughan's Chicago Self Blanching.

Earlier and larger than White Plume and as large as Golden Self Blanching. It is of much better quality than any other White. Since introducing this sort we have put a great deal of careful reselection on the variety. Our customers will find nothing as good in a White Celery. **Packet, 10c; oz., 25c; ¼ lb., 75c; lb., $2.50.**

CHICAGO GIANT SELF-BLANCHING CELERY

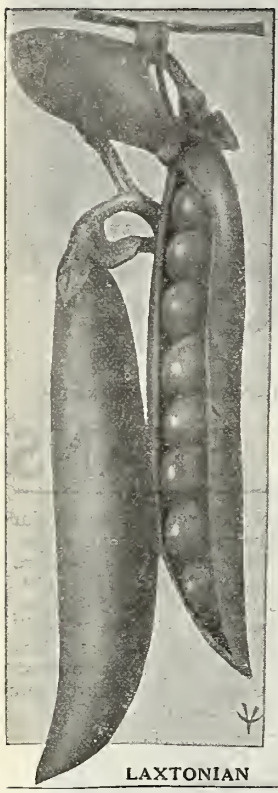
The Davis Perfect Cucumber

The most popular extra long, white spine Cucumber for market gardeners; long slim, dark green in color and at the same time extremely vigorous and productive. The most uniform strain we have seen of this sort. **Oz., 15c; ¼ lb., 35c; 1 lb., $1.00.**

VAUGHAN'S SPECIAL

One year tested seed for greenhouse use. **Pkt, 15c; 2 for 25c; ½ oz. 60c; oz., $1.00.**

DAVIS PERFECT CUCUMBER



LAXTONIAN

LAXTONIAN PEA, A Dwarf Gradus

A new, giant podded, early dwarf Pea; almost as early as the popular tall variety Gradus and a better yielder. Sells equally as well as Gradus, yields better and may be grown between rows of other crops. We were the first to introduce this Pea in America. **Pt., 35c; ½ pk., $1.15; pk., $2.25; bu., $9.00.**

PEPPER, Crimson Giant

The demand for large sweet Peppers is on the increase. This variety, while not so large as Vaughan's Magnum Dulce, is much earlier. Very productive. The fruits are rich, deep crimson when ripe and the flesh exceptionally thick. **Pkt. 10c; oz., 35c; 2 oz., 65c; ¼ lb., $1.15.**

RADISH, New Giant Butter

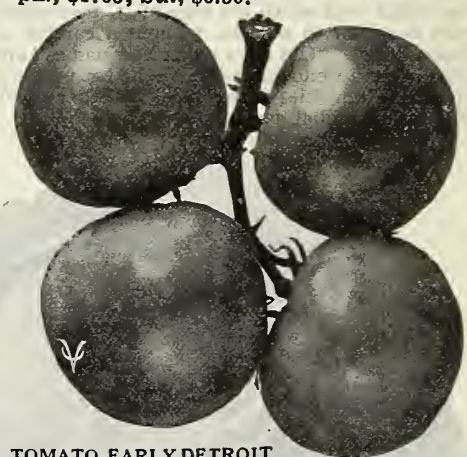
The largest of the early turnip forcing Radishes, exceeding in size, even the Crimson Giant. Very uniform, vivid scarlet. The roots are tender crisp; tops short and tap root small. **Oz., 10c; ¼ lb., 30c; lb., $1.00.**

PURPLE TOMATO, EARLY DETROIT, An Early Beauty

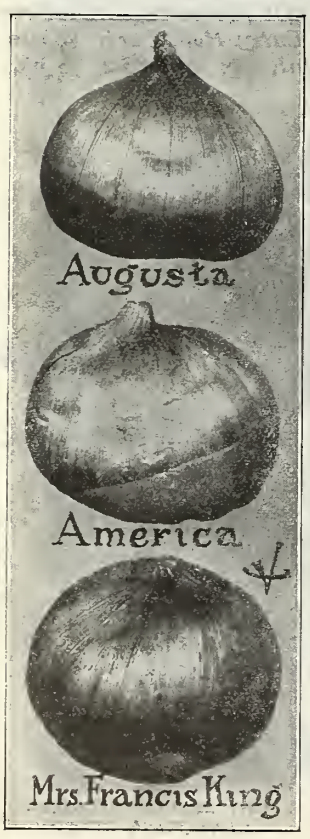
It fills a long felt want among our Market Gardener Customers. Our local Chicago Growers, who planted it the past season, were very enthusiastic over it. Medium early; bears through a long season and produces even more marketable fruits per vine than the old Beauty. The Tomatoes are almost globe-shaped, purple in color, firm, and ship as well as any variety we know. **½ oz., 12c; oz., 20c; ¼ lb., 70c; 1 lb., $2.50.**

AMEER PEA

A standard, large podded, smooth seeded Pea of the Alaska type, which has recently attained great popularity in certain sections, where it may be planted early without the rotting danger experienced with wrinkled Peas. The large pods sell much more readily than the smaller ones of the Extra Early and Alaska varieties. **Qt., 30c; ½ pk., 85c; pk., $1.65; bu., $6.50.**



TOMATO, EARLY DETROIT
A POPULAR VARIETY OF GREAT MERIT



Grow Gladiolus for Cut Flowers

OUR Mr. Vaughan found in England, near London, this summer, an increasing tendency to sell flowers with vegetables. The same markets that dispose of all garden truck were selling beautiful flowers of Lilies, Dahlias and Gladioli. It is also true in many places of the U. S. that growers of vegetables under glass raise cut flowers as well; while in many thickly settled suburbs of eastern cities market gardeners are growing Gladiolus flowers, and young men during the summer and early fall take these flowers in large quantities to summer homes, selling regularly at good prices. The availability of Gladiolus Bulbs for this purpose is marked. The bulbs already contain the young flower stalks, and flower in 8 to 10 weeks from planting. We have raised this year on our own farms many thousands of the best selling kinds of these flowers, and are able to offer them much cheaper than they have been previously sold. We illustrate here spikes of these beautiful flowers as well as the Bulbs themselves. Every market gardener who reads this should try this spring a few thousands of these bulbs. There is every chance for a good profit in selling some of the same to every one of your customers, whether in private homes or in markets, butcher shops, or stores, in fact, if on your wagon you will average to sell at more than half the places you call.

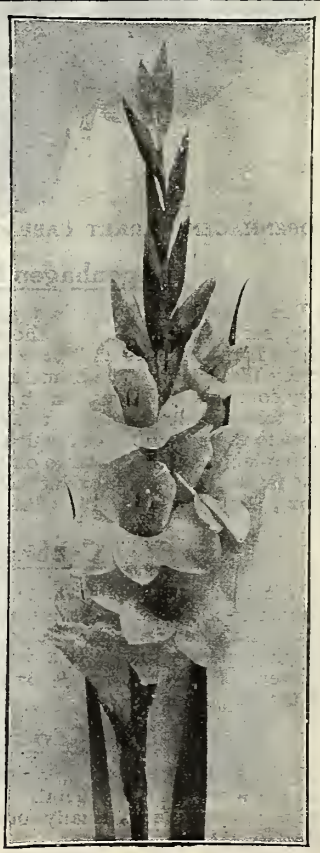
PRICES FOR ANY OF THE THREE KINDS

	Prepaid by us	Not Prepaid
Growers' Size A Over 1 inch diameter	300 Bulbs for $3.50	1,000 Bulbs for $10.00
Growers' Size B About 1 inch diameter	300 Bulbs for $3.00	1,000 Bulbs for $8.50
Growers' Size C About ¾ inch diameter	300 Bulbs for $2.50	1,000 Bulbs for $7.50

Send now for 75 sample bulbs, 25 of each kind, size A, for $1.00. All above are flowering size.

For list of all best commercial kinds and sizes, write for Vaughan's Complete **GLADIOLUS LIST**, mailed free.

I have added Gladiolus bulbs, grown for cut flowers, to my truck garden and with good profit. I have sold from 1,500 doz. to 2,000 doz. per year at substantial prices. T. W. WHITE, Red Bank, N. J.



Vegetable Seeds for the Professional Gardener

The market gardener and florist demand high class seeds—their livelihood depends upon the quality of those which they plant. The up-to-date planter realizes that "the best seeds are always the cheapest," so each year as gardening becomes more a profession and less of an occupation, the cry for "improved seeds" without regard to prices becomes stronger and stronger.

Vaughan's Seeds are from the best growers we have been able to locate during our thirty-six years experience in the seed business. Cost has never been a consideration with Vaughan's Seed Store when better quality might be had. We believe and all of our trials prove that our stocks average with those of any firm in the seed business.

And finally we can truthfully say that each year there is and will be a betterment in the seeds we offer not only because of new varieties, which are good in their way, but what we think more important, improved selections of standard sorts.

Growth. Every lot of seed is tested and of proven vitality before being sent out or sold.

ASPARAGUS

BONVALLET'S GIANT.

(Illustrated above.)

It is acclimated to our soil; it is more vigorous than imported French; and undoubtedly is the best commercial variety on the market.

The shoots are as large as any we have ever seen, they are purplish in color, or when planted deep produce the very finest of all white asparagus. Owing to the excellent quality, sweetness, tenderness and beautiful appearance, this is a highly favored sort. The seed is grown by the originator.

This is a money-maker for the gardener. **Oz. 15c, ¼ lb. 35c, lb. $1.25.**

Two year old plants, **per 100, $1.50, 1,000, $10.00.**

EARLY GIANT ARGENTEUIL.

Direct from one of the largest plantations near Paris; our seed is imported.

This sort is very large and is splendid for either green or white grass.

Oz. 10c, ¼ lb. 25c, lb. 75c.

Asparagus Seeds March or April is the time to sow Asparagus seed and it should be sown in good, rich, mellow soil. As soon as the ground can be worked the seed should be planted in drills one foot apart and then covered with earth from ½ to ¾ of an inch deep.

STANDARD KINDS.

	Oz.	¼ lb.	Lb.
Conover's Colossal	$0.10	$0.15	$0.40
Barr's Mammoth	.10	.15	.40
Palmetto	.10	.15	.40
Columbian Mammoth, white	.10	.15	.45
Early Giant Argenteuil	.10	.25	.75

ASPARAGUS ROOTS.

Early Argenteuil.	
2-year-old Roots, per 1,000	$6.00
Conover's Colossal; 1-year-old Roots, per 1,000	4.50
2-year-old Roots, per 1,000	5.00
5,000 Lots, $4.50 per 1,000.	
Barr's Mammoth.	
1-year-old Roots, per 1,000	4.50
2-year-old Roots, per 1,000	5.00
Bonvallet's Giant.	
1-year-old Roots, per 1,000	6.00
2-year-old Roots, per 1,000	8.00
Palmetto.	
1-year-old Roots, per 1,000	4.50
2-year-old Roots, per 1,000	5.00

READY IN MARCH SHOULD BE SHIPPED BY EXPRESS.

Artichoke, Green Globe, Pkt. 10c, oz. 30c.

Jerusalem Artichokes (Tubers) Pk., 35c, Bu. $1.15. Bbl. $3.25.

If shipped from New York add 50c Bbl., 20c Bu.

BUSH LIMA.

In the small early Sieva type—Henderson's Bush Lima; for potato type—the New Fordhook or Dreer's Bush Lima; for large Limas—New Wonder, Burpee's Improved and Burpee's Bush Lima, are the best sorts.

	Qt.	½ Pk.	Pk.	Bu.
Henderson's Bush Lima	$0.30	$0.85	$1.65	$6.50
Burpee's Bush Lima	.35	1.00	2.00	8.00
Dreer's Bush Lima	.35	1.15	2.25	9.00
New Wonder Bush Lima	.35	1.00	2.00	8.00
Fordhook Bush Lima (new)	.45	1.50	3.00	12.00
Burpee's Improved Bush Lima (new)	.45	1.50	3.00	12.00

BUSH BEANS GREEN PODS

The most popular varities of Green Pod Bush Beans are the round podded sorts. A few of the best are as follows:

Improved Earliest Valentine. A very hardy early round pod variety. A bountiful yielder, and especially valuable where earliness is an important consideration.

Longfellow. A prolific grower, with straight, long, round pods. An excellent market sort.

Black Valentine. Hardy and prolific, having long, round pods.

Stringless Green Pod. A fine stringless variety; pods of good quality, and a splendid yielder.

Flat pod sorts:

Bountiful Stringless. Extra early, flat pods. A bountiful yielder; good market kind where flat pods are wanted.

Long Yellow Six Weeks. Flat pods, prolific, and extra early.

LONGFELLOW GREEN POD

BLACK VALENTINE BEAN

STANDARD SORTS.

	Qt.	Pk.	Bu.
Black Valentine	$0.25	$1.50	$6.00
Improved Earliest Valentine	.25	1.25	5.00
Longfellow	.25	1.50	6.00
Extra Early Refugee	.25	1.40	5.50
Early Round Pod Six Weeks	.25	1.25	5.00
Early Mohawk	.25	1.25	5.00
Refugee, 1000 to 1	.25	1.50	6.00
Long Yellow Six Weeks	.25	1.25	5.00
Stringless Green Pod	.25	1.65	6.50
White Marrow	.25	1.15	4.50
White Kidney	.25	1.15	4.50
Red Kidney	.25	1.15	4.50
Dwarf Horticultural	.25	1.50	6.00
English or Broad Windsor	.30	2.00	8.00
Improved Navy	.20	.65	3.50
Triumph of the Frames, for forcing	.65	.....	.....
Bountiful (new)	.25	1.50	6.00
Giant Stringless Green Pod	.25	1.50	6.00

HALF PECK IS PRICED SAME RATE AS PECK FOR ABOVE SORTS.

BEANS Bush Wax Variety

DAVIS KIDNEY WHITE WAX

THE PRINCIPAL WAX VARIETIES

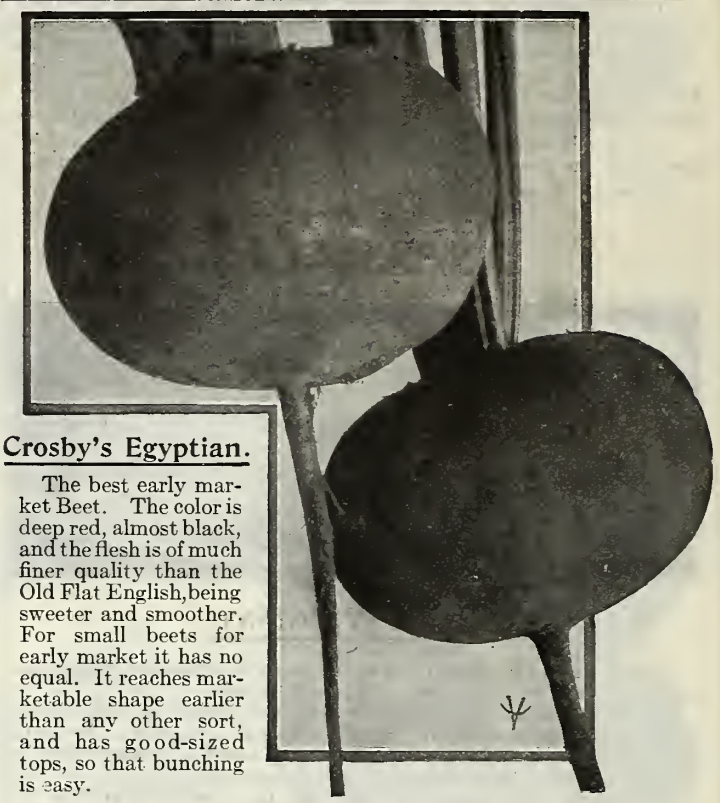
The principal wax varieties used by market gardeners are — Flat Pods: Davis Kidney Wax, having long straight pods, and white seeds, very prolific, does best on light soil; Wardwell's Kidney Wax, early stringless, pods about 5½ inches long, very productive, best adapted to a heavy soil; Hodson, a late season, wonderfully prolific wax bean, pods very similar to Davis. Round Pods—Among the earlies: Round Pod Kidney Wax, Stringless and Prolific Black Wax; for a main crop—Pencil Pod, Curries Rust Proof, Improved Golden Wax, Valentine Wax, a very early variety in the South; Horticultural Wax, early as Wardwell's, hardier, but not stringless.

	Qt.	½ Pk.	Pk.	Bus
Curries' Rust Proof	$0.30	$0.85	$1.65	$6.50
Challenge Black Wax	.30	1.00	1.90	7.50
Davis Kidney Wax	.30	1.00	1.90	7.50
Flageolet Wax	.30	1.00	1.90	7.50
Golden Eye Wax	.30	.90	1.75	7.00
Giant Yosemite Wax, Crop failed	....	....	....	....
Hodson Wax	.30	.90	1.75	7.00
Horticultural Wax	.30	.90	1.75	7.00
Improved Golden Wax	.30	1.00	1.90	7.50
Monster Stringless Wax, Crop failed	....	....	....	....
Pencil Pod Wax	.30	1.00	1.90	7.50
Prolific German Black Wax	.30	.95	1.85	7.25
Round Pod Kidney Wax	.30	1.00	2.00	8.00
Stringless Refugee Wax	.30	1.00	2.00	8.00
Valentine Wax	.30	.95	1.85	7.25
Wardwell's Kidney Wax	.30	1.00	1.90	7.50

Pole Beans.

GREEN POD—Burger's Stringless	.30	.95	1.85	7.50
Dutch Case Knife	.25	.75	1.50	6.00
Horticultural Cranberry	.25	.75	1.50	6.00
Kentucky Wonder or Old Homestead	.25	.80	1.60	6.25
Lazy Wife	.30	.90	1.75	7.00
Scarlet Runner	.35	1.15	2.25	8.00
White Creaseback	.30	.85	1.65	6.50
WAX POD—Early Golden Cluster Wax	.35	1.15	2.25	9.00
Kentucky Wonder Wax	.35	1.12	2.25	....
POLE LIMA—Carpinteria	.40	1.25	2.25	....
Dreer's Improved Lima	.25	.75	1.50	6.00
Extra Early Jersey Lima	.25	.75	1.50	6.00
Early Leviathan Lima	.30	.90	1.75	7.00
Ford's Mammoth Lima	.25	.85	1.70	6.50
Ideal Pole Lima	.30	.90	1.75	7.00
King of the Garden Lima	.25	.85	1.70	6.50
Large Lima, Selected Seed	.25	.85	1.70	6.00
Siebert's Early Lima	.25	.75	1.50	6.00
	Oz.	¼ lb.	lb.	
BORECOLE or KALE—Dwarf Green Curled	.10	.20	.70	
Tall Green Scotch	.10	.20	.70	
Siberian	.10	.15	.50	
Vaughan's Excelsior Moss Curled best	.20	.35	1.25	

BEETS



Crosby's Egyptian.

The best early market Beet. The color is deep red, almost black, and the flesh is of much finer quality than the Old Flat English, being sweeter and smoother. For small beets for early market it has no equal. It reaches marketable shape earlier than any other sort, and has good-sized tops, so that bunching is easy.

CROSBY'S EGYPTIAN, Vaughan's Selected Stock. **Oz., 10c; ¼ lb., 35c; lb., $1.00; 5 lb., $4.50.**

CROSBY'S EGYPTIAN, Regular Stock. **Oz., 10c; ¼ lb., 20c; lb., 65c; 5 lb., $3.00.**

DETROIT DARK RED TURNIP.

A grand Beet for bunching for market; tops exceptionally small and upright; roots are perfect turnip shape with small tap roots. Color of skin dark red; flesh bright red; Quality is of the very best, tender and lasting. One of the best for the market gardener and the home garden.

VAUGHAN'S Selected Stock. Oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., $3.50.

CRIMSON GLOBE.

One of the most popular sorts with Market Gardeners for a main crop variety. The roots are medium size; almost globe shape and entirely free from rootlets, leaving the skin entirely smooth. The flesh, blood red, slightly zone, and of highest quality. **Price, ¼ lb., 25c; lb., 75c; 5 lbs., $3.50.**

OTHER GOOD KINDS.

	¼ lb.	lb.	5 lbs.
Arlington	$0.20	$0.65	$3.00
Improved Early Egyptian	.20	.65	3.00
Eclipse Extra Select Stock	.25	.75	3.50
Vaughan's Chicago Market	.30	1.00	4.75
Dewing's Early Blood Turnip, Select	.20	.65	3.00
Half Long Blood Red, Very Deep Red	.25	.75	3.50
Long Smooth Dark Blood	.20	.65	3.00
Edmund's Turnip, Select Stock	.20	.65	3.00
Electric, true, early as Egyptian, round, rich red	.25	.75	3.50
Fireball	oz. 10c	.30	1.00	....
MANGEL			
Vaughan's Mammoth Long Red	.15	.40	1.75
Champion Yellow Globe	.15	.40	1.75
Golden Tankard	.15	.40	1.75
Giant Yellow Intermediate	.15	.40	1.75
Giant Eckendorf	.15	.40	1.75
SUGAR BEETS			
Vilmorin's Imperial White	.15	.40	1.75
French Red Top	.10	.35	1.50
Lane's Improved White	.15	.40	1.75
Klein Wanzleben (Best German)	.10	.35	1.50
BROCCOLI	Oz.	¼ lb.	lb.
Purple Cape	.25	.65	2.50
White Mammoth	.20	.65	2.50
BRUSSELS SPROUTS			
Paris Market	.10	.35	1.25
Improved Dwarf	.10	.35	1.25
Improved Danish	.20	.60	....

ONE OF OUR LEADING SPECIALTIES

CABBAGE

VAUGHAN'S SURE HEADING SEED

NOTE
We supply tbe most critical market gardeners in the United States, wbose success depends upon buying the best, with our well known special stocks of Cabbage Seed. No greater proof of quality, than increasing business with experts.

DUTCH WINTER OR HOLLANDER

ALL HEAD OR FAULTLESS

Early

This Cabbage leads in popularity, and it does so for the reason that it is a sure-to-bead sort.

The beads are uniform in sbape, large size and of remarkably good quality. Fine for Kraut.

It is a flat bead cabbage, has few outer leaves, permitting closer planting to tbe acre than is possible with otber varieties. It is early, so it combines the necessary features of a profit making sort. Everything considered it is the best one variety cabbage. **Oz 30c, 2 ozs 55c, ¼ lb 75c, 1 lb $2.50.**

DANISH BALL HEAD

Our strain of this cabbage is grown for us in Denmark by the most reliable grower tbere. It is the best late cabbage, for late spring sale and for sbipping.

Has long stem, medium size head, extremely solid, long keeper. **Oz 30c, 2 ozs 55c, ¼ lb 85c, 1 lb $3.00.**

Early Oblong Varieties

	Oz.	2-oz.	¼ lb.	Lb.
Early Jersey Wakefield	$0 25	$0 45	$0 70	$2 50
Extra Early Express	15	25	50	2 00
Extra Early Etampes	15	25	50	1 60
Early Winnigstadt	20	30	50	1 75
Early York	15	25	40	1 60

Early Flat and Round Varieties

Copenhagen Market	$0 35	$0 60	$1 15	$4 00
Early Spring	20	35	50	2 00
Early Summer	20	35	50	2 00
Early Flat Dutch	20	35	50	2 00
New Early Flathead	25	45	70	2 50
Succession	20	35	50	2 00
Vandergaw or All Seasons	20	35	50	2 00

Main Crop Sorts

	Fottler's Improved Brunswick	$0 20	$0 35	$0 50	$1 75
	Vaughan's Premium Flat Dutch, 5 lbs., $9.50	20	35	55	2 00
	Warren's Improved Stone Mason	20	35	50	2 00
	Autumn King or World Beater	20	35	50	2 00
	The Lupton	20	35	50	2 00
	Bridgeport Drumhead	20	35	50	2 00
	Large Late American Drumhead	20	35	50	2 00
	Louisville Drumhead	20	35	50	2 00
	Marblehead Mammoth	20	35	50	2 00
	Surehead	20	35	50	2 00
SAVOY	All Head	25	40	65	2 50
SAVOY	Improved American	25	40	65	2 50
SAVOY	Iron Head	25	40	60	2 50
SAVOY	Marvins	20	35	50	2 00
SAVOY	Small Early Ulm	20	30	50	1 75
RED	Black Diamond	35	60	1 00	3 50
RED	Extra Early Red Dark Erfurt	20	35	50	2 00
RED	Dark Red Dutch	15	25	45	1 60
RED	Mammoth Rock Red	25	45	70	2 50
RED	Red Drumhead	15	25	45	1 60
RED	Zenith Red	30	55	85	3 00

VAUGHAN'S SELECT EARLY JERSEY WAKEFIELD

This is tbe best early cabbage in cultivation. It forms fine solid beads of good size and pointed sbape, not many outer leaves. Of the extra early conical shaped bead varieties, this is the best in the United States.

We offer an extra fine strain of this seed, grown from selected hard beads. **Oz 25c, 2 ozs 45c, ¼ lb 70c, 1 lb $2.50.**

LARGE JERSEY OR CHARLESTON WAKEFIELD

This sort is larger beading, than the Early Jersey Wakefield. It matures a few days later, with larger heads; brings higher prices in the market.

It is popular witb Southern planters. Re-selected seed. **Oz 25c, 2 ozs 45c, ¼ lb 70c, 1 lb $2.50.**

DUTCH WINTER OR HOLLANDER

HOLLAND GROWN

This cabbage is most universally grown throughout the Wisconsin, Michigan, Illinois and Indiana Cabbage growing districts.

The heads are very solid, but not large, they are the right size and shape to meet the demands of the consuming public. Short stem.

Our strain of this cannot be surpassed; it bas produced most successful results in every district. **Oz 30c, 2 ozs 55c, ¼ lb 85c, 1 lb $3.00.**

DUTCH WINTER OR HOLLANDER

DANISH GROWN

Vaughan's Private Stock Seed, a strain grown for us from selected seed heads, the best picked from the field. Grown in Denmark exclusively for Vaughan's Seed Store. **Oz 40c, 2 Ozs 65c, ¼ lb. $1.15, 1 lb. $4.00.**

DWARF AMAGER OR SHORT STEMMED DANISH BALL HEAD

A variety very similar to the Dutch Winter or Hollander. We import the Seed direct from Amager Island, Denmark. **Oz 30c, 2 ozs 55c, ¼ lb 85c, 1 lb $3.00.**

VAUGHAN'S BRIDGEPORT DRUMHEAD

The best large, fall shipping cabbage in existence. Our strain of this cabbage, of whicb we are the introducers, has been selected by us for twenty years, and the original type bas not only been kept up but improved. A field of them is more uniform than any other sort.

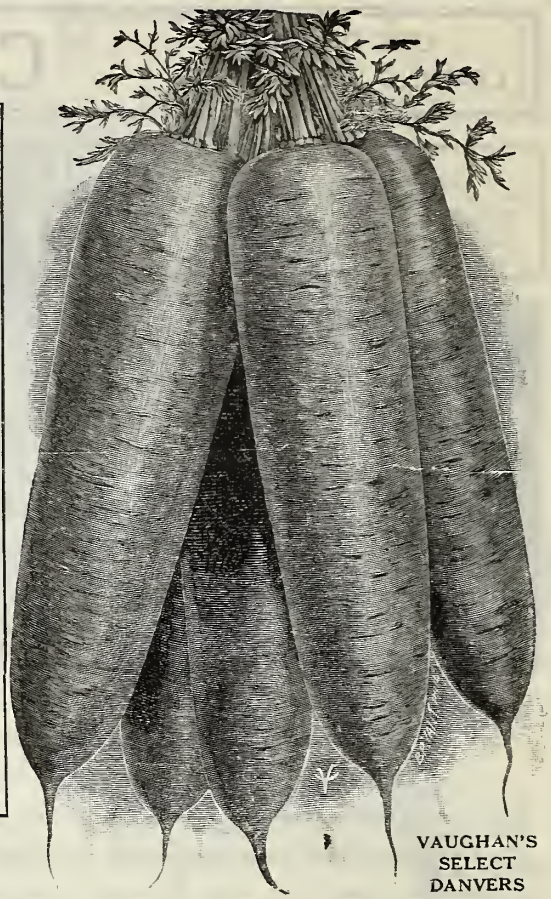
Fine for slicing, for Kraut; for general table use it is unsurpassed. **Oz 20c, 2 ozs 35c, ¼ lb 50c, 1 lb $2.00.**

Glory of Enkhousen. (New) A round-headed, very solid fine ribbed, best quality early cabbage. We think this about the hardest beading, long keeping, early sort. It might be called a late strain of Second Earlies. Live gardeners sbould give it a trial. **Oz 25c, 2 ozs 45c, ¼ lb 70c, 1 lb $2.50.**

Danish Summer Ball Head. (New) Tbis is the Danisb Ball Head of early cabbages. It closely resembles the Winter Ball Head, except that it is smaller and may be brought in with tbe very early flat head sorts. There is a trace of curliness in its outer leaves and a delicate flavor that suggests Savoy blood. Our market gardeners who have tried tbis are very entbusiastic. **½ oz 15c, oz 25c, 2 ozs 45c, ¼ lb 70c, 1 lb $2.50.**

EARLY CHANTENAY

VAUGHAN'S SELECT DANVERS. The gardener's favorite strain. This has been one of our special strains of seed during our 37 years in business. As a Carrot to fill every general purpose it is unexcelled. Since it has been bred for the greatest yield per acre, it will produce a larger amount of marketable roots than any other kind—due to its ideal shape for producing the largest possible root in a given space. The roots are a rich orange color, 6 to 7 inches long with a blunt point.



VAUGHAN'S SELECT DANVERS

CARROTS

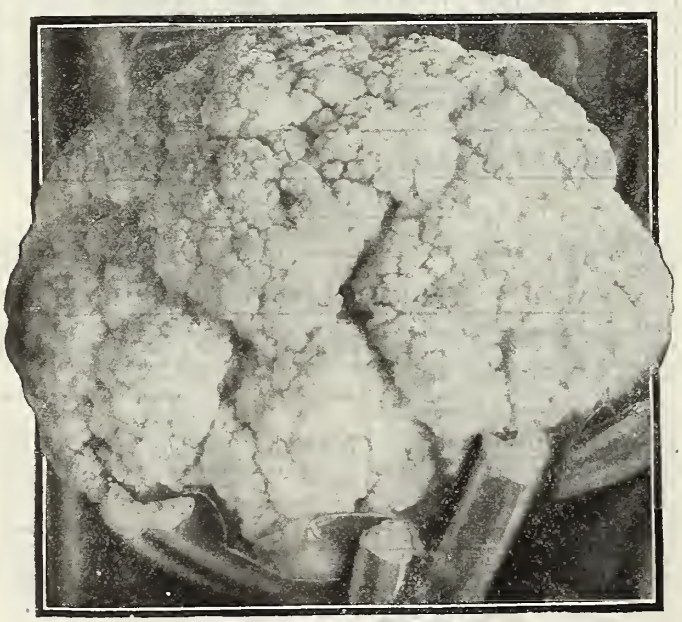
FOUR LBS. TO THE ACRE

For early bunching, gardeners will find Chantenay unsurpassed. For general crops, our Select Danvers; for feeding, Mastodon and Belgians.

Our Carrot Seed is raised by the most careful and experienced growers, who know the importance of selection. The Early Scarlet Forcing is the earliest, followed by Early Short Scarlet, about three inches long; Oxheart, Nantes, and Chantenay follow, these being from four to six inches. Select Danvers is a little longer, and Long Orange the longest of all.

There is an immense superiority in our stocks over the cheaper California grown seed, and it will satisfy the most critical market gardener.

	Oz.	¼ Lb.	Lb.	5 Lbs.
CHANTENAY. The best for early bunching purposes	$0.10	$0.25	$0.75	$3.50
VAUGHAN'S SELECT DANVERS. Best strain of this sort. Uniform. Good color and a splendid yielder	.20.	.35	1.25	6.00
Ins. Long.				
2. Very Early Scarlet (French Horn)	.15	.30	1.00	4.75
4. Early Short Stump Rooted (Dutch Horn)	.15	.30	1.00	4.75
5. Guerande or Oxheart	.15	.25	.75	3.50
6. Nantes Half Long Scarlet, stump rooted	.15	.25	.75	3.50
8. Danver's Half Long, regular stock	.10	.20	.65	3.00
14. Improved Long Orange	.10	.20	.65	3.00
10. White Intermediate or Mastodon	.10	.20	.65	2.75
16. Long White Belgian, green top	.10	.20	.60	2.75
16. Long Orange Belgian	.10	.20	.60	2.75



CAULIFLOWER. Dry Weather

CAULIFLOWER

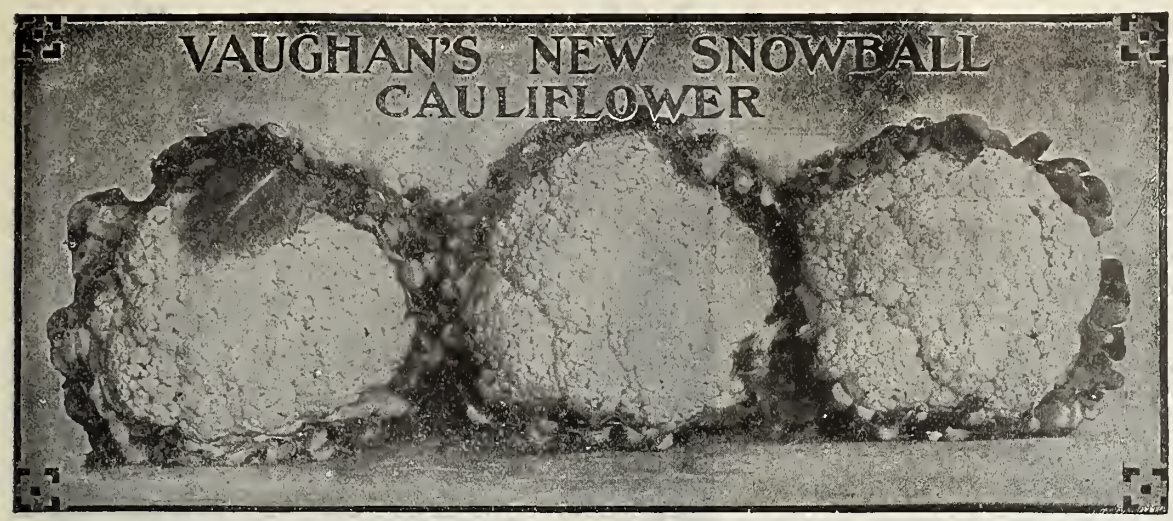
No seed is more important than this. It is one of the seeds in buying, in which price should never be questioned.

Vaughan's Earliest Dwarf Erfurt. Combines all pedigree points—earliness, purity of color, dwarf habit and fine grain. A profitable market garden sort. **Pkt., 25c. ¼ oz., 50c; oz., $1.75; ¼ lb., $7.00; lb., $26.00.**

Dry Weather. For dry climates and dry seasons. Very sure heading and second early. Heads larger than snowball and snow white. **Pkt., 20c; ¼ oz., 60c; oz., $2.00.**

Danish Snowball. This is a grand second early. It is the result of long, careful selection, and uniformly produces even regular heads. Through many seasons it has proven itself reliable. **Pkt., 10c. ¼ oz., 60c; oz., $1.50; 2 oz., $2.75; ¼ lb., $5.00; lb., $20.00;**

	Oz.	¼ Lb.	Lb.
Extra Early Paris	$0.40	$1.50	
Half Early Paris, a standard sort	.40	1.50	
Algiers, large late	.45	1.75	
Lenormand's Short Stem Mammoth	.50	2.00	
Autumn Giant, very large and productive	.30	1.00	
Extra Early or Second Erfurt, Pkt., 10c; ¼ oz., 35c	1.25	4.50	$16.00
Large Early Erfurt, ¼ oz., 30c	.75	2.50	



Vaughan's New Snowball Cauliflower.

The best general purpose variety either for Spring or Fall planting.

Vaughan's New Snowball Cauliflower is a specialty of our house. It is on such particular seed as Cauliflower, in which the least variance from the true strain results in great injury to the grower, that a seed house builds up its reputation. We know our Cauliflower is the equal of anything that can be produced. In our trial ground tests we have tried nearly every strain of cauliflower offered on the market and, while we have found a few equals, we have never found a superior to Vaughan's Snowball. We pay more for our seed than probably does any large seed house in the United States just so that we can have it as near perfection as it is possible for man to grow it. High bred Cabbage and Cauliflower does not germinate as well as less carefully bred strains. Nevertheless we have taken such pains to reclean and re-sift our seeds after receiving them from the grower that our seed is always up to standard of growth. Head usually 9 to 10 inches across, perfectly white and very solid, deep and compact.

Vaughan's New Snowball Cauliflower is put up in packages as follows: Pkts., ¼ oz., ½ oz., 1 oz. and ¼ lb., sealed with our trade mark and with distinctive paper and printing.

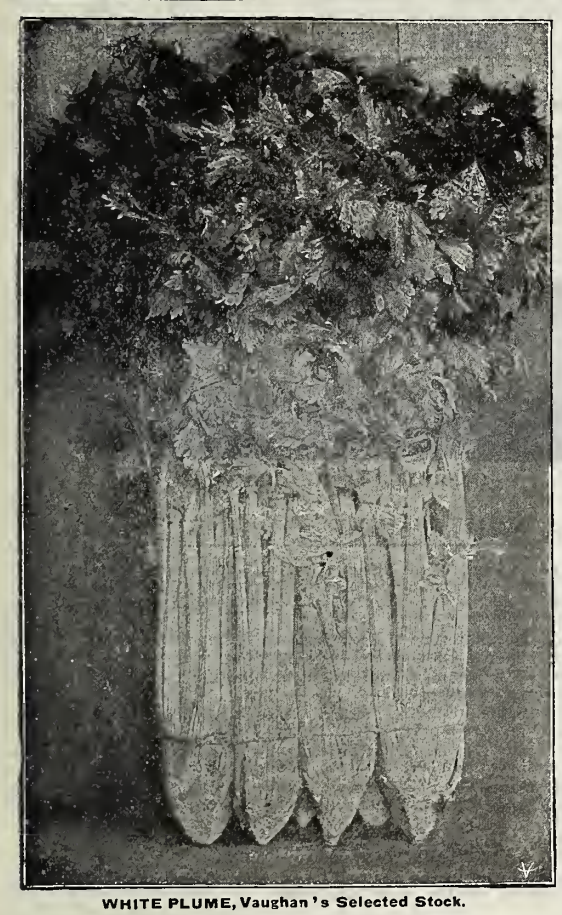
Pkt., 25c; ¼ oz., 65c; ½ oz., $1.25; oz., $2.00; ¼ lb., $8.00; lb., $32.00.

THE seed of this strain was saved with the greatest care only from perfectly developed heads, which yield but little seed. Good Cauliflower seed is always high in price; cheap Cauliflower is a poor investment, because it cannot be good.

The best seed of this type of Cauliflower comes from Amager Island, near Copenhagen, Denmark. There the winters are mild, causing little loss from rot in the seed heads, and the cool, moist summers give ideal growing conditions for this vegetable.

Available ground is scarce and value high, so intensive culture is necessary.

Vaughan's Snowball is the result of years of careful selection by an experienced and most painstaking gardener, under these conditions.



WHITE PLUME, Vaughan's Selected Stock.

VAUGHAN'S CELERY MANUAL—
Written by a practical grower of 20 years' experience. Revised and published by J. C. Vaughan. **Price, postpaid, 50c.** Will be sent free if requested with a Celery seed order of $3.00 or with any general order for other seeds amounting to $5.00.

White Plume, Self-Blanching—Vaughan's Selected Stock We have not yet found a Celery that is as early and of as good a flavor, as crisp and tender, as our selection of this sort. We sell large quantities of this seed to market gardeners, who find it **uniformly white and free from green or hollow stalks.** It is not a good keeper, but it is excellent for Fall and early Winter use. **½ oz., 12c; oz., 20c; 2 oz., 30c; ¼ lb., 50c; lb., $2.00.**
WHITE PLUME—Regular Stock. ½ oz., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., $1.50.

Golden Self-Blanching—Vaughan's Selected Stock **This is the best Celery for early use.** The stalks are much broader and heavier than those of the **White Plume,** and greatly superior in quality. It is ready for use nearly as early, producing dwarfer and much larger bunches of broad, heavy stalks, blanching to a **deep golden yellow.** The handsome color, crispness, tenderness, freedom from stringiness and nutty flavor of this variety make it only necessary to be tried in order to establish it as the **standard of excellence as an early sort. ½ oz., 65c; oz., $1.25; 2 oz., $2.25; ¼ lb., $4.00.**
GOLDEN SELF-BLANCHING—Regular Stock. ½ oz., 25c; oz., 45c; 2 oz., 80c: ¼ lb.; $1.50; lb., $6.00.

"Winter Queen" This is without doubt the most valuable variety of Celery for Winter and Spring use. It is also much stouter, thicker and heavier, with **double the amount of heart of any known Celery.** The plant is of close habit and blanches to a beautiful cream white. Ribs perfectly solid, crisp and of a delicious nutty flavor. Grow Winter Queen once and you will always grow it. **½ oz., 12c; oz., 20c; ¼ lb., 50c; lb., $2.00.**

Vaughan's Giant Golden Heart **The best Celery for Winter storage.** Ever since we introduced this Celery it has gained in public favor and rightly so, for it is not only the best keeper, but **it is large, solid, as sweet as a walnut and of a beautiful golden color.** It is a selection from the Dwarf Golden Heart; grows much larger than its parent. **½ oz., 12c; oz., 20c; 2 oz., 30c; ¼ lb., 50c; lb., $2.00.**

	Oz.	2 oz.	¼ lb.	Lb.
Giant Pascal. Self-blanching and a fine keeper. One of the best for Winter	$0.15	$0.25	$0.40	$1.40
Snow White. Self-blanching, very white and solid	.20	.30	.50	2.00
Chicago Giant Self-Blanching. Largest early white	.25	.45	.80	3.00
Dwarf Golden Heart. An old favorite; large and solid	.15	.25	.40	1.50
Pink Plume. Similar to White Plume, except color	.20	.30	.50	2.00
Rose Ribbed Paris. Very handsome. Best of this class	.35	.60	1.10	4.00
Evans' Triumph. A large, solid Winter sort	.15	.25	.40	1.50
Perfection Heartwell. Very large and solid; an excellent variety	.15	.25	.40	1.50
Solid Ivory or Kalamazoo. Half dwarf, white, late and solid	.15	.25	.40	1.50
Crawford's Half Dwarf. Solid yellowish-white, fine flavor	.15	.25	.40	1.50
Boston Market. Very dwarf and white	.15	.25	.40	1.50
Perle Le Grand. A fine large, Winter, golden-hearted sort	.15	.25	.40	1.50
Far Superior Many Heart. Late, popular around Philadelphia	.15	.25	.40	1.50
Schumacher. Firm, golden-yellow heart, immense size, good keeper	.15	.25	.40	1.50
Giant White. Solid and late. Tall, of large size, pure white	.15	.25	.40	1.50
Old Seed, for flavoring	...	...	.20	...
Smallage. Green, for soups	.12	.20	.35	1.25

CELERIAC, OR TURNIP ROOTED CELERY.

Delicatess. Produces perfectly smooth, oval roots with very few side roots. A delicious flavor, much superior to other sorts. **Pkt., 10c; 2 for 15c; oz., 35c; ¼ lb., $1.00; lb., $3.50.**

Giant Prague **(Prager Reisen Sellerie.)** The largest of all Celeriacs. Flavor excellent. **Oz., 20c; ¼ lb., 60c; lb., $2.00.**

Large Erfurt. A standard large growing variety. **Oz., 20c; ¼ lb., 65c; lb., $2.50.**

Earliest of All. Very early, ready in June. **Pkt. 10c, 2 for 15c; oz., 35c.**

SWEET CORN

Vaughan's Extra Selected

THE FOUR BEST GARDEN VARIETIES

Mammoth White Cory. One of tbe largest and best extra early varieties. Eacb stalk furnishes two or more large fine shaped ears ready days before otber large sorts. Tbe ears are 12 rowed, very symmetrical and handsome, with no opening between the rows at tbe base. Tbe grain is large, broad, very white and of remarkably good quality for sucb an early sort. The size and beauty of this variety gives it ready sale even when the market is over stocked. Vaugban's Special strain is early and large. ½ **Pk 55c, pk $1.00, bu $4.00.**

Improved Early Champion. Tbe Earliest Large Sweet Corn. Produces ears 12 in. long in 60 days. The new variety is without question tbe earliest large sweet Corn yet introduced, being only a few days later than tbe first early small sorts. Ears nearly as large as the Mammoth; 12 rowed; pure white kernels, witb medium size white cob; very sweet, tender and full of milk; yielding two and three ears to tbe stalk. The best kind for early and late planting. ½ **Pk 55c, pk $1.00, bu $4.00.**

Stowell's Evergreen. Tbe most popular main crop Sweet Corn. Ears numerous, kernels large, deep wbite and of fine flavor. A late sort. To supply tbe right seed of tbis favorite bas been our effort for many years. Seed grown near tbe Eastern Atlantic Coast bas always shown by its flavor and sbriveled, ripened kernels the highest percentage of sugar known. We offer botb selected seed from Eastern grown stock and Western grown seed from original Eastern stock. Eastern grown, ½ **pk 55c, pk $1.00, bu $4.00.** Western grown, ½ **pk 50c, pk 95c, bu $3.75.**

Country Gentleman. One of tbe sweetest of all Sweet Corn, and also one of the most productive sorts, the stalks averaging three ears, sometimes as many as five; kernels and cobs are pure white, cob small, kernels deep, ears average nine incbes in lengtb. **Qt 25c, ½ pk 60c, pk $1.15, bu $4.50.**

EXTRA EARLY VARIETIES

	Qt.	½ Pk.	Pk.	Bu.
Early Iowa. Tbe earliest large corn	$0 25	$0 65	$1 25	$5 00
Malakoff. The earliest of all	25	65	1 25	5 00
Peep O'Day. Very early	25	55	1 00	4 00
Golden Bantam. Yellow, very sweet	25	65	1 25	5 00
Premo. One of tbe earliest sweet	25	55	1 00	4 00
Adams. Extra early, not sweet but early	20	45	85	3 25
Adams Early. A little later tban preceding	20	45	85	3 25
Early Cory, or First of All. Very early	25	55	1 00	4 00
Minnesota. Nearly as early as Cory	25	55	1 00	4 00
Crosby's Extra Early. Of very best quality	25	55	1 00	4 00
Perry's Hybrid. Large and early	25	55	1 00	4 00
Metropolitan. Large and early and productive.	25	55	1 00	4 00

STOWELL'S EVERGREEN

SECOND EARLY VARIETIES

	Qt.	½ Pk.	Pk.	Bu.
Early Mammoth. Earlier tban late Mammoth	$0 25	$0 55	$1 00	$4 00
Moore's Early Concord. Still bard to beat	25	55	1 00	4 00
Old Colony. Ten days earlier than Evergreen	25	55	1 00	4 00
Early Evergreen. Second early large corn	25	55	1 00	4 00

LATE OR GENERAL CROP VARIETIES

	Qt.	½ Pk.	Pk.	Bu.
Black Mexican. Fine for bome use	$0 25	$0 60	$1 10	$4 25
Hickox. A splendid canning sort	25	55	1 00	4 00
White Evergreen. Excellent for main crop	25	55	1 00	4 00
Late Mammoth. Tbe largest of all, very sweet	25	55	1 00	4 00
Sweet Fodder. Write for prices on large lots		40	75	.....

USEFUL VEGETABLES

	Pkt.	Oz.	¼ Lb.	Lb.
Chervil		$0 10	$0 30	$1 00
Chicory, Magdeburg		15	45	1 50
Chicory Witloof		15	45	1 50
Corn Salad. Round leaved, large seeded		10	25	75
Cress. Curled Garden		05	15	45
Cress. Water Cress	$0 10	30	.....	.....
Upland Cress	05	10	20	65
Collards		10	25	75

CUCUMBERS

Improved Long Green. Selection from Long Green. Vines vigorous and productive, nearly as large as the Shorter Sort; fruit about 12 incbes long, firm and crisp. Young fruits make excellent pickles, and when ripe tbe best sweet pickles. **Oz 10c, ¼ lb 25c, lb 80c.**

Cool and Crisp. Skin dark green, almost black, covered witb knobs, on whicb tbe spines set, giving the pickles a very attractive appearance. Very early and prolific, as a cucumber it is splendid. **Oz 10c, ¼ lb 25c, lb 80c.**

IMPROVED LONG GREEN

PICKLING VARIETIES

Improved Chicago Pickle. One of our specialties. Tbe leading pickling concerns in the country buy our selected seed, it is tbe best. **Oz 10c, ¼ lb 20c, lb 75c.**

Snow Fancy Pickling. Our selected strain of tbe Cbicago pickle—true stock. **Oz 10c, ¼ lb 30c, lb 90c.**

Vaughan's XXX Pickling. A fine pickle sort, easy to pick, tbe fruits protruding from beneatb tbe foliage. **Oz 10c, ¼ lb 25c, lb 80c.**

Jersey Pickling. A popular pickle. **Oz 10c, ¼ lb 25c, lb 75c.**

Cumberland Pickle. A wbite spine. **Oz 10c, ¼ lb 25c, lb 75c.**

Extra Early Green Prolific. Dark green. **Oz 10c, ¼ lb 25c, lb 75c.**

Fordhook Pickle. Medium size, very prolific. **Oz 10c, ¼ lb 25c, lb 75c.**

Green Prolific or Boston Pickling. Oz 10c, ¼ lb 25c, lb 75c.

West India Gherkin. Very small with many spines. **Oz 10c, ¼ lb 40c, lb $1.35.**

Early Frame. Short green sort. **Oz 10c, ¼ lb 25c, lb 75c.**

OTHER SORTS

Emerald. Smooth dark green. **Oz 10c, ¼ lb 25c, lb 80c.**

Early Cluster. Small fruit, borne in clusters. **Oz 10c, ¼ lb 25c, lb 75c.**

Japanese Climbing. Small fruits, very prolific. **Oz 10c, ¼ lb 30c, lb $1.00.**

WHITE SPINE STRAINS

Evergreen, or Extra Long White Spine. One of tbe best table sorts, splendid for forcing under glass. A strain producing fruits frequently 12 in. long, smooth, round, bandsomely colored, very regular in size and form, excellent quality. **Oz 10c, ¼ lb 25c, lb 80c.**

Davis Perfect. The finest type of extra long white spine. Our seed is ra sed under our direct supervision. **Oz 10c, ¼ lb 25c, lb 80c.**

Vaughan's Famous Arlington. Tbe best of all medium lengtb White Spine Cucumbers. **Oz 15c, ¼ lb 30c, lb $1.00.**

Improved White Spine. Medium length, vines vigorous, very productive, even shaped fruits, light green. **Oz 10c, ¼ lb 25c, lb 75c.**

Early Cyclone. Early, sbort, of dark green color whicb it holds well. Tbe earliest of all Cucumbers. **Oz 10c, ¼ lb 25c, lb 80c.**

Boston Forcing White Spine (Vaughan's). Darker than Arlington. More slender and smootb; very fine and regular in form. Length 10 to 11 in. **Oz 15c, ¼ lb 30c, lb $1.00.**

Fordhook Famous. Extra long, good dark green color. One of the best for market gardeners. **Oz 15c, ¼ lb 30c, lb 90c.**

Rockyford. Selection of Extra Long White Spine. Very prolific. Retains color well; a sby seeder. **Oz 10c, ¼ lb 25c, lb 80c.**

ENGLISH FRAME CUCUMBERS

Rollison's Telegraph. Pkt 50c, ⅛ oz $1.50, ¼ Oz $1.75.

Noah's Forcing. Very prolific. ¼ **oz 75c.**

Carter's Model. Tbe best of all Englisb sorts. **Pkt** (25 seeds) **for 25c, 3 for 65c, ¼ oz $1.00.**

Grand Rapids Forcing. A very long American sort. **Pkt** (65 seeds) **50c net.**

Dandelion. **Thick Leaved or Cabbaging.** Oz., 35c; ¼ lb., $1.15; lb., $4.50.

GARLIC. **Selected Bavarian.** Originally came from Wurzburg, Bavaria, and has been grown in an old German settlement of Illinois for a number of years. It is larger and more even than ordinary garlic, keeps much longer without shriveling, and is of snow whiteness. Lb., 25c; 3 lbs., 65c; 5 lbs., $1.00; 10 lbs., $1.75; 100 lbs., $15.00.

Ordinary Garlic. Write for prices.

EGG PLANT.

Vaughan's Improved New York Large Purple.

Very large and smooth, fine dark color. Ours is the spineless kind, most preferred by our market gardeners, both east and west. We have made the most careful selection possible of our stock plants, and know this sort is unsurpassed for the market. Lb., $3.25; ¼ lb., 85c; oz., 25c; ½ oz., 15c.

Black Pekin. Lb., $3.00; ¼ lb., 80c; oz., 25c.

Very Early Dwarf. Earliest of all; it resembles the New York in shape and color. Oz., 20c; ¼ lb., 65c; lb., $2.50.

Black Beauty.

From 10 to 12 days earlier than New York Improved Purple. The fruits are broad and thick, of most attractive form, and of the finest flavor. The skin is a **rich, purplish black, entirely free from spines or thorns.** The fruits set most freely and are ready to market early, so that the entire crop can be gathered before there is any danger of frost. ½ oz., 20c; oz., 30c; ¼ lb., 90c; lb., $3.50.

Improved New York, The Standard Variety.

ENDIVE—Endivien.

	Oz.	¼ Lb.	Lb.
Staghorn. Best for early..	$0.10	$0.30	$1.00
Green Curled Summer.....	.10	.30	1.00
Green Curled Winter.....	.10	.30	1.00
Moss, very fine curled.....	.10	.30	1.00
Broad-leaved White	.10	.30	1.00
Ever White Curled.....	.10	.30	1.00
Giant Fringed	.15	.35	1.25

HORSE RADISH.

Horse Radish Sets. 100, 65c; 500, $2.75; 1000, $5.00; 5000 for $25.00.

Maliener Kren, New Bohemian Horse Radish. 100 roots, 75c; 500, $3.25; 1000, $6.00.

HERBS.

	Lb.	Oz.
Anise.....		$0.10
Balm.....	$2.00	.15
Bene.....	....	.10
Bohnen Kraut.....	1.50	.15
Borage (Gurkenkraut)...	1.00	.10
Caraway.....	.50	.10
Catnip or Catmint.....	....	.30
Chives.....	....	.60
Coriander.....	.60	.10
Dill.....5 lbs.,	$2.00	.50	.10
Fennel Sweet.....	.75	.10
Fennel Florence.....	1.00	.15
Horehound.....	....	.15
Hyssop.....	....	.15
Lavender Spica.....	....	.15
Lavender True..½ oz., 20c	....	.35

	Lb.	Oz.
Peppermint....100 seeds, 30c; pkt. 10c		
Pennyroyal.....Pkt. 10c, ½ oz., 35c.		
Pimpinella.....	$1.25	$0.15
Rosemary	2.50	.30
Sage.....	1.25	.15
Holt Mammoth Sage Plant 100, $3.00; doz., 55c.		
Summer Savory.....	1.50	.15
Sweet Basil.....	1.25	.15
Sweet Marjoram.....	1.50	.15
Tarragon Plants..... doz., 75c; 100 for $6.00.		
Thyme.....Pkt., 10c	....	.25
Wormwood.....	2.00	.20

KOHLRABI.

	Oz.	¼ Lb.	Lb.
Short-leaved Early Erfurt.....	$0.20	$0.65	$2.50
Early White Vienna.....	.20	.50	2.00
Early Purple Vienna.....	.20	.50	2.00

LEEK.

	Oz.	¼ Lb.	Lb.
Broad Scotch	$0.15	$0.40	$1.40
Large Musselburg	.15	.40	1.40
Rouen Large Winter.....	.15	.40	1.40
New Mezieres Winter.....	.20	.65	2.25
Bulgarian Winter, new. ½ oz., 10c;.....	.20	.70	2.50

LETTUCE

LEAF VARIETIES

GRAND RAPIDS FORCING.

The best forcing Lettuce for Western Markets. Very hardy, grows large, and its handsome appearance gives it a ready sale. Keeps from wilting longer than other sorts.

Vaughan's Extra Selected Stock. Oz., 10c; ¼ lb., 30c; lb., $1.00; 5 lbs., $4.25.

Ordinary Stock. Oz., 10c; ¼ lb., 25c; lb., 85c; 5 lbs., $3.25.

BLACK SEEDED SIMPSON.

Vaughan's Selected Stock.

This is by far the most popular sort among the Chicago gardeners. It forms large, loose leaves of ideal color; the leaves are large, thin, very tender, and of very good quality. It is one of the best sorts for use under glass as well as for early outdoor planting. As this kind varies when growing we have our stock seed all hand picked. Lb., $1.00; ¼ lb., 30c; oz., 10c.

Black Seeded Simpson. Regular Stock. Oz., 10c; ¼ lb., 25c; lb., 80c.

OTHER LEAF SORTS.

	Oz.	¼ Lb.	Lb.
Prizehead—Center portions of crinkled leaves brown.	$0.10	$0.25	$0.80
Early Curled Silesia—Dwarf crisp golden leaves.....	.10	.25	.80
Early Curled Simpson—White seeded. A fine sort...	.10	.25	.80
Tilton's White Star—Black Seeded Simpson type. Used for forcing.....	.10	.25	.80
Denver Market Forcing—A loose heading sort.....	.10	.25	.80
The Morse—A forcing selection of Black Seeded Simpson	.10	.25	.80

Vaughan's All Seasons Lettuce.

VAUGHAN'S ALL SEASONS LETTUCE.

Re-selected Stock.

This lettuce is the best of All Head Lettuces. Known everywhere from its large solid head and desirable color. Market gardeners who have purchased this seed from other sources always come to us the next season for the true stock. We have been very careful in seed selection and this year we are offering a special re-selected stock for the most critical trade. Oz., 10c; 2 ozs., 15c; ¼ lb., 25c; lb., $1.00.

LETTUCE

CABBAGE OR HEADING VARIETIES.

St. Louis Butterhead. The head is large and solid as a cabbage with beautiful crumpled, yellow inside leaves of the finest quality. Our seed is grown from stock seed especially selected by the famous St. Louis grower of this variety. **Oz., 10c; ¼ lb., 20c; lb., 80c.**

Improved Hanson. The most planted of of all head lettuces. A good heat resister which forms large, firm heads with broad leaves, crumpled and exceedingly tender and crisp. In the central corn growing sections the best general purpose variety. **Oz., 10c; ¼ lb., 20c; lb., 80c.**

The Deacon. A very sure heading, buttery variety. The interior blanches to a beautiful golden yellow and is of fine flavor. **Oz., 10c; ¼ lb., 20c; lb., 80c.**

Maximum or Immensity. A popular variety, especially in the East. Very large, solid heads and a good heat resister. **Oz., 10c; ¼ lb., 25c; lb., $1.00.**

STANDARD KINDS.

Prices on any of the following sorts, except where noted: Oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 80c.

Blonde Beauty.
Brown Dutch, Iceberg.
Buttercup.
California Cream Butter. Salamander.
Golden Queen.
Perpignan or Summer Defiance.
Tennis Ball, White Seeded or Boston Market.
Tennis Ball, Black Seeded.
White Cabbage.
Unrivalled, ¼ lb., 25c; lb., $1.00.
New York or Wonderful, ¼ lb., 25c; lb., $1.00.

COS LETTUCE.

Upright Habit. The highest quality of all lettuces.

PARIS WHITE COS. Oz., 10c; ¼ lb., 25c; lb., $1.00.
TRIANON COS. Oz., 10c; ¼ lb., 25c; lb., $1.00.
EXPRESS COS. Earliest. Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., $1.00.

BIG BOSTON—Vaughan's Selected Stock.

The best large heading, early variety. The most popular variety for the Southern gardener who ships North. Also very valuable as a first early in the North. Plants are large, vigorous; leaves are bright, light green, very tender. Our strain is unsurpassed. Many gardeners in the South will plant only Vaughan's Big Boston. **Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., $1.00.**

May King. The best extra early head Lettuce. Small, solid heads; outer leaves with a brown tinge, **oz., 10c; ¼ lb., 30c; lb., $1.00.**

MUSK MELON

Netted Gem—Rocky Ford.—Selected Stock.

This seed is carefully grown, selected and saved at Rocky Ford under the care and supervision of one of the most careful shippers. It is well known that much seed offered as Rocky Ford stock has been saved by local growers from surplus or cull Melons by men who know nothing of the responsibility of the seed business. Careful planters should avoid this kind of stock.

VAUGHAN'S SELECTED STOCK—From best melons in field. **Oz., 15c; ¼ lb., 40c; lb., $1.50.**

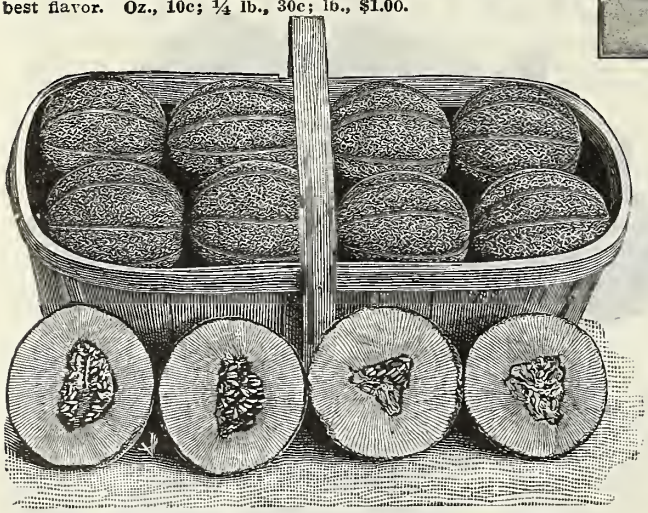
ORDINARY STOCK—Seed from entire field planted only for seed. **Oz., 10c; ¼ lb., 20c; lb., 60c.**

Oval Gem. Our regular stock of this at the following prices is first-class, carefully selected seed, such as no gardener need hesitate to plant. **Oz., 10c; ¼ lb., 20c; lb., 60c.**

Round Gem. This is the true original type of Netted Gem originated in Philadelphia, but our grower has improved it by weeding out so far as possible the oval type. **Oz., 10c; ¼ lb., 20c; lb., 60c.**

The Osage Gem. Early as Netted Gem; same size and shape. Flesh, orange, solid and of best flavor. **Oz., 10c; ¼ lb., 30c; lb., $1.00.**

Rocky Ford Musk Melon.



VAUGHAN'S PAUL ROSE or PETOSKEY.

The best and most uniformly high quality table Melon introduced in ten years. "This is a cross of the Osage with the Netted Gem, and combines the sweetness of the former with the fine netting of the Gem. It has also the firmness of meat, salmon color, and cheesy structure peculiar to the Osage. In this respect it is superior to any Melon in existence, because of this thick, solid flesh, free from stringiness, which does not become watery or 'break down' in keeping, retaining its form twice as long as any other shipping Melon. **PRICE: Vaughan's Selected Seed, oz., 20c; 2 oz., 40c; ¼ lb., 60c; lb., $2.00.**

Vaughan's Regular Stock, oz., 15c; ¼ lb., 25c; lb., 80c.

VAUGHAN'S ORIGINAL OSAGE.

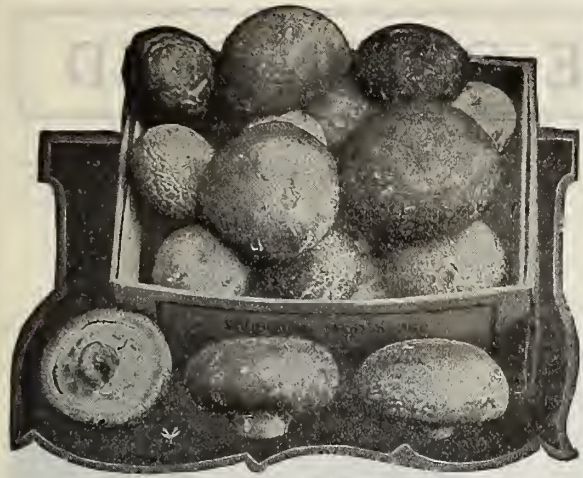
This famous Melon is our own introduction, and we take special pride in maintaining the quality and superiority of our stock. We pay many times the prices given ordinary seed growers to get our seed raised in the best locality and then selected from merchantable early Melons. Seed obtained from culls left in the field after marketing is over can be bought cheaply, but is high at any price. However, seed taken from early choice market melons must bring a high price, though really a hundred times cheaper than the other. Salmon flesh, high table quality; during the last season was the best Melon on the Chicago Market. Our strain is dark skinned, but moderately netted.

Vaughan's Selected Stock—Oz., 20c; 2 oz., 35c; ¼ lb., 65c; lb., $2.25.

Ordinary Seed—Entire field grown for seed, but seed not chosen from special melons. **Oz., 15c; ¼ lb., 35c; lb., $1.10; 10 lbs., $10.00.**

	Oz.	¼ lb.	Lb.
Osage, Special Shipping Strain. Slightly more netted than regular osage; selected especially for shipping	$0 15	$0 45	$1 50
Tip Top Selected Stock. A large size melon of excellent quality, salmon flesh, moderate netting and evenly ribbed	10	30	1 00
Extra Early Hackensack. An early selection of Hackensack. Melons large, weigh 4 to 10 lbs. Well netted, green flesh	10	25	80
Hackensack. A popular, large, well netted, green fleshed cantaloupe	10	25	75
Emerald Gem. Dark green, early melon. Delicate salmon flesh. Not good for shipping. Of high table quality	10	30	1 00
Milwaukee Market. For local market use, nothing better. Salmon flesh, good size. Is not a good shipper	20	60	2 00
Vaughan's Chicago Market. A large, early nutmeg. Green flesh, very juicy and sweet	15	40	1 25
Syracuse. Large and sweet	10	25	75
Extra Early Nutmeg. Small and early	10	25	75
Early Citron. Landreth's Early Flat, fair quality	10	25	75
Champion Market. A very large, netted Gem	10	25	80
Jennie Lind, Improved. A flattened, good shipping variety	10	25	75
Montreal Market. The largest of Nutmegs	10	30	1 00
Hoodoo. The best all purpose cantaloupe	20	60	2 00
Banana. Cucumber shape, late	15	40	1 25
Mango Melon, or Vegetable Peach. For pickles and preserves	15	40	1 25

Forcing Melons. Emerald Gem Forcing, A1 Superb, Best of All, Blenheim Orange, Diamond Jubilee, Invincible Scarlet. Royal Sovereign. **Trade pkt., each 25c.**



Raised From Vaughan's Special English Spawn.

FRENCH MUSHROOM SPAWN.

French Spawn is planted for the growing of button mushrooms. Ours is the very best to be had, being sown from selected mushrooms. Put up in boxes of 2 pounds each. **Price, per box, 75c; if by mail, $1.20. The same loose, per lb., 35c; if by mail, 45c; 10 lbs., $3.20.**

The essentials in Mushroom growing are: an even temperature, 55° to 60°, maintained day and night; well prepared beds with good manure; a moist atmosphere, where the air is dry beds lose their moisture quickly and must be watered. Water applied directly to a Mushroom bed always injures the crop.

MUSHROOMS

The last few years have shown a large increase in the amount of Mushrooms grown and still the prices are not only maintained, but increased. Vaughan's Seed Store has been most successful in supplying with satisfaction both the Imported English Spawn (Vaughan's Special)and Pure Culture Spawn to market growers. We make at least five importations yearly, so as to always have a fresh supply.

English Mushroom Spawn. Our Spawn is manufactured by the largest and most successful maker of Spawn in the world. He has made Spawn for some thirty years and has kept up on all the new methods of manufacture. Our Spawn is made by the famous tissue method from selected specimens. It has been found that English Spawn, as a rule, does not bear so quickly as the American pure culture, but it, however, lasts much longer in bearing.

English Mushroom Spawn. (VAUGHAN'S SPECIAL). **Price, per brick, 25c; 5 lbs., $1.00, postpaid. By express or freight, per brick, 15c; 2 for 25c; 8 bricks, $1.00; 25 lbs., $2.00; 100 lbs., $6.50; if shipped from New York, $6.00.** Special prices on ½ ton lots and upward.

Pure Culture "Garden City" Spawn. The best Spawn for beginners. The highest development in the art of Spawn making. This Spawn is made from tissue cultures from select specimens produced by Spore (seed) culture. The bricks are inoculated with tiny threads from a young specimen fruit, so that the special sorts or strains are produced, true to type. By this selection of varieties the inferior yielding kinds are avoided. We carry the Cream Brown or Bohemia variety, which has proven the best yielder. We can, however, supply the Pure White, Brown, Alaska or Columbia pure culture Spawn. **Price, Direct Bricks, inoculated from laboratory cultures, 1 brick, 40c; 5 bricks, $1.75, postpaid; by express, 10 bricks, $2.00; 25 bricks, $4.25; 100 bricks, $15.00.**

STANDARD BRICKS. Inoculated from direct bricks, **per brick, 35c; 5 bricks, $1.40, postpaid; by express, 10 bricks, $1.85; 25 bricks, $3.75; 100 bricks, $12.00.**

MUSHROOM CULTURE.

How to prepare the beds and raise Mushrooms, Robinson, best English book, cloth bound, **50c., postpaid.**

MUSHROOMS.

By W. Falconer. The best American book on this subpect. **Postpaid, $1.00.**

MUSHROOMS.

How to Grow. By Fraser, 12 pages, published by Vaughan's Seed Store. **Price,** 10c, or FREE with every order for Spawn amounting to one dollar or over, if requested with order.

WATER MELON

In watermelons for market there has boen a considerable change in varieties the past few seasons due to the introduction of the Alabama Sweet and Tom Watson, good shipping varieties of the long type melon, a type long associated with high quality but heretofore too poor shippers. Growers who intend to ship carloads away to market should be careful to find out what their receiving market demands.

Kleckley's Sweet. The quality melon for home and local market. Without doubt this is the highest quality melon both as to texture, firm with no stringiness, and sweetness, in which respect it has no equal of all melons on the market today. In shape it is oblong, of good size, skin dark green, flesh bright scarlet, ripening close to the skin, The large heart does not crack open when ripe. Its one fault is that the shell is thin—will not ship without breaking. **Oz., 10c; ¼ lb., 20c; lb.. 65c; 5 lbs., $3.00.**

Alabama Sweets. A popular, rather new long oblong melon with hard shell, which makes it a good shipper. In color dark green, size large and excellent quality. Especially popular in Texas districts. Select stock. **Oz., 8c; ¼ lb., 20c; lb., 60c.**

Tom Watson. (New. See Novelty page 4.) The most popular market shipping melon. In the few seasons since its introduction it has displaced nearly all the old standard kinds in the large watermelon producing sections. **Oz., 10c; ¼ lb., 25c; lb., 80c; 5 lbs., $3.65.**

Vaughan's Black Diamond. Its prominent points of merit are its extreme size and productiveness. Melons weighing 75 to 90 pounds are frequent. It is the most prolific Water Melon. Its color is a rich, dark green, almost black. **Oz., 7c; ¼ lb., 15c; lb., 50c; 5 lbs., $2.25.**

Sweetheart. A standard shipping melon of the round type. Vine vigorous and productive. The melons are large, uniform and heavy, mottled light and dark green. **Oz., 5c; ¼ lb., 15c; lb., 40c; 5 lbs., $1.85.**

Improved Kolb's Gem. The best known shipping melon of the old type, Color dark with yellow blotch on bottom. **Oz., 5c; ¼ lb., 15c; lb., 40c; 5 lbs., $1.85; 10 lbs., $3.25.**

Triumph. One of the largest and handsomest of the large round shipping melons. Dark green. **Oz., 5c; ¼ lb., 15c; lb., 40c.**

Winter Water Melon (Novelty). A small round light colored melon of high quality, which can be kept until Christmas. **Pkt.,10c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., $1.25.**

New Chilian. Nearly round melon, ours is the early strain. A very fine flavored melon; something different and attractive for local market. **Oz., 10c; ¼ lb,, 30c; lb., $1.00.**

7c the ounce on any of the following:

Citron, red seeded, ½ lb. 20c, lb. 60c.	**Rattlesnake, ¼ lb. 15c, lb. 40c.**
Colorado Citron, ¼ lb. 20c, lb. 60c.	**Gray Monarch, ¼ lb, 15c, lb. 40c.**
Cuban Queen, ¼ lb. 20c, lb. 60c.	**Ice Cream, ¼ lb. 15c, lb. 50c.**
Dark Icing, ¼ lb, 15c, lb. 40c.	**Jones' Jumbo, ¼ lb. 15c, lb. 40c.**
Dixie, ¼ lb. 15c. lb. 40c.	**Peerless, ¼ lb. 15c, lb. 50c.**
Duke Jones, ¼ lb. 15c, lb. 40c.	**Phinney's Improved, ¼ lb, 15c, lb. 40c.**
Florida Favorite, ¼ lb. 15c, lb. 50c.	**Mountain Sweet, ¼ lb. 15c, lb. 50c.**
Early Fordhook, ¼ lb. 20c, lb. 60c.	**McIver's Sugar, ¼ lb. 20c, lb. 60c.**

COLE'S EARLY. (SPECIAL)

COLE'S EARLY.

This is the Best Early Water Melon for the home market today. For sweetness and delicate texture of flesh it has no equal. The rind is thin but brittle, and therefore not suitable for shipping; for the home market we know of none better. Extreme earliness is its great merit. **Oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs,, $2.65.**

MARTYNIA FOR PICKLES.

The young and tender seed pods make a very fancy pickle. **Oz., 15c; ¼ lb., 40c; lb., $1.50.**

MUSTARD.

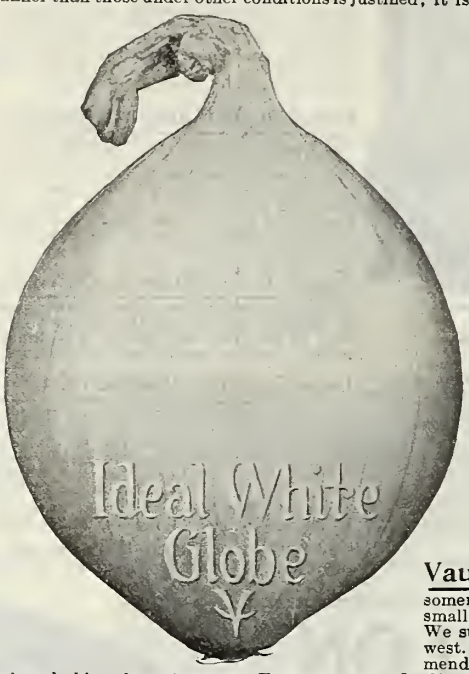
	Oz.	¼ lb.	Lb.
White London	$0 05	$0 10	$0 25
Brown	05	10	25
New Chinese	05	15	45
Fordhook Fancy	05	15	45

OKRA.

	Oz.	¼ lb.	Lb.
White Velvet	$0 05	$0 15	$0 40
Dwarf	05	15	40
Tall (Perkin's Mammoth)	05	15	40

VAUGHAN'S PEDIGREE ONION SEED

Vaughan's strains of Globe Onions have no superior. Our Eastern seed is grown in the large growing districts, seed bulbs are sorted from hundreds of bushels (an impossibility with small growers) color and shape are ideal when planted and placed far apart, the unavoidable mixtures in close western plantings are eliminated. The greater cost to produce seeds in this manner than those under other conditions is justified; it is worth many times such cost to the market planter



Southport Red Globe. Has a beautiful dark red skin; the onions are large size, very solid and firm, making them first sellers and excellent keepers.

Yield—800 to 1,000 bushels per acre is not uncommon with our seed. It is grown under our supervision by a specially equipped expert in this line.

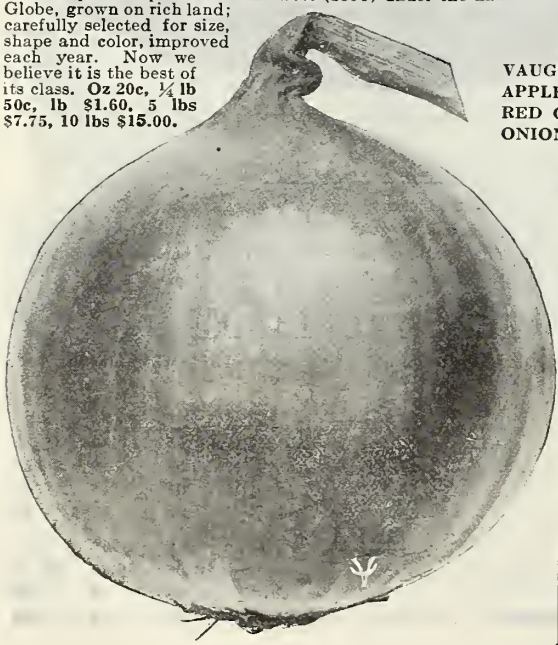
Eastern grown, **Oz 20c, ¼ lb 50c, lb $1.60, 5 lbs $7.75, 10 lbs $15.00.**
Western grown, **Oz 15c, ¼ lb 40c, lb $1.50, 5 lbs $7.25, 10 lbs $14.00.**

Ohio Yellow Globe. (See illustration.) Best of all yellow onions. Entirely distinct from old type Yellow Globe Danvers. Earlier, smaller necked, perfect globe shape, uniform as to size and color and a greater cropper. Vaughan's Special Ohio grown Seed of this type is an extra fine selection of this most excellent sort, for color, shape and yield. Seed growers regard it the superfine strain of yellow Onion Seed, Eastern grown, **Oz 20c, ¼ lb 50c, 1 lb $1.60, 5 lbs $7.75, 10 lbs $15.00.** Western grown, **Oz 15c, ¼ lb 40c, lb $1.40, 5 lbs $6.75, 10 lbs. 13.50.**

Ohio Red Globe. A very uniform Red Globe Onion similar in shape to the Ohio Yellow Globe. Lake County Seed, grown by the originator. **Oz 20c, ¼ lb 50c, lb $1.60. 5 lbs $7.75, 10 lbs $15.00.**

Vaughan's Apple Shaped Red Globe. The most perfect market type of Red Globe Onion. Ideal shape for maximum yield. Color is absolutely darkest blood-red. Its size equals any of the largest types of Red Globe.

History—first planted in the west (1896) under the name of Extra Early Red Globe, grown on rich land; carefully selected for size, shape and color, improved each year. Now we believe it is the best of its class. **Oz 20c, ¼ lb 50c, lb $1.60, 5 lbs $7.75, 10 lbs $15.00.**



VAUGHAN'S APPLE SHAPED RED GLOBE ONION

Vaughan's Ideal White Globe Onion is handsomeness personified; true globe form, pure white, hard, small necked, ripens very early, evenly and is a good keeper. We supply the largest market gardeners in Chicago and the west. Don't plant inferior stock with only low price to recommend it; it is far more expensive than our high class seed.

Eastern grown, **Oz 25c, ¼ lb 75c, lb $2.75, 5 lbs $13.50, 10 lbs $26.50.**
Western grown seed, **Oz 20c, ¼ lb 65c, lb $2.35, 5 lbs $11.50, 10 lbs $22.50**

Southport Yellow Globe. A main crop, late, large, round. Will satisfy the small buyer or the grower for car-load shipments. Truly a grand onion whose large golden yellow spheres make a beautiful appearance sacked or barreled for market.

Best of all yellow onions for keeping. Our Eastern strain comes from a grower with twenty-five years' experience who makes a specialty of this variety.

Eastern grown, **Oz 20c, ¼ lb 45c, lb $1.50, 5 lbs $7.25, 10 lbs $14.00.**
Western grown, **Oz 15c, ¼ lb 40c, lb $1.40, 5 lbs $6.75, 10 lbs $13.00.**

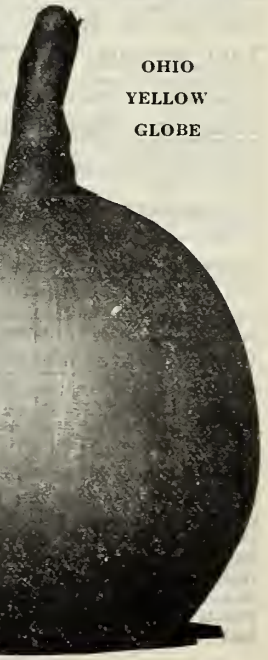
PRIZETAKER ONION

Vaughan's Selected Stock. Handsomest and largest yellow Globe Onion. Fair keeper, of finest flavor, good shape and enormous size, many weighing five pounds or more each, and raised from seed the first year. Is of the same type as those immense onions (imported) seen in fruit stores. Always commands a high price.

Prizetaker nearly always grows to a perfect **globe shape** with a bright straw colored skin; necks are very small; the onions always ripen up hard. American grown seed. **Oz 15c, ¼ lb 35c, lb $1.25, 5 lbs $6.00, 10 lbs $11.50.**

Australian Brown Globe. A very early maturing variety. Bulbs are good size, very solid, heavy. Keeping quality excellent, one of the very best.

The onions are thin necked and ripen evenly in all soils. **Oz 10c, ¼ lb 30c, lb $1.10, 5 lbs $5.25, 10 lbs $10.00.**



OHIO YELLOW GLOBE

Mammoth Silver King. The largest of the white Onions. Specimens weigh 2 to 4 pounds each. Mild flavor. Fine for fancy market. **Oz 15c, ¼ lb 40c, lb $1.50.**

Ailsa Craig. Vaughan's Re-Selected Seed. Very short crop. A better keeping and larger Onion than Prizetaker. Unexcelled for exhibition. Sow early in hotbed and transplant. **Pkt 15c, ½ oz 25c, oz 40c, ¼ lb $1.20, lb $4.00.**

Bermuda Onions. We offer true Teneriffe Grown Seed of these popular southern onions.

White Bermuda. Straw color. **Oz 25c, ¼ lb 75c, lb $2.50. Red Bermuda, oz 20c, ¼ lb 60c, lb $2.00, Cryatal White Wax, ½ oz25c, oz 40c ¼lb $1.50. 1 lb $5.00.**

NITRATE OF SODA or Chili Saltpeter For Onions, a top dressing of from 75 to 100 lbs. per acre two or three times at intervals of about three weeks may be used after the crops have well started. For Nitrate of Soda, Muriate of Potash and Vaughan's High Grade Truck and Farm Manure, see page 27.

VAUGHAN'S PEDIGREE ONION SEED

Fancy Yellow Globe Danvers

"Fancy" Yellow Globe Danvers. The shape is uniformly round; color a fine brown, orange yellow. The entire crop ripens down at one time and winters well. No gardener can afford to experiment with doubtful seed. **Oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., $1.40; 5 lb., $6.75; 10 lbs., $13.00.**

Yellow Globe Danvers. This strain of Globe Danvers is equal to any usually sold and may be relied upon as a first class cropper. **Oz., 15c; ¼ lb., 35c; lb., $1.25; 5 lbs., $6.00; 10 lbs., $11.50.**

Early White Welsh Onion. For Green Onions. This kind does not form a bulb, but is one of the best kinds for "Green Onions." The plants are perennial and can remain in the ground for years. This is the sweetest of all Onions. **Oz., 25c; 2 oz., 40c; ¼ lb., 75c; lb., $2.50.**

EARLY MILD ONIONS. European Grown.

Vaughan's Pickling. This is a uniform early small round, hard, crisp, tender and very handsome variety, with an opaque white skin, which does not turn green upon exposure to the sun. **Oz., 15c; 2 oz., 30c; ¼ lb., 50c; lb., $1.75; 5 lbs., $8.50; 10 lbs., $16.50.**

White Queen. Remarkable for its earliness and very mild flavor; it is small and white skinned. Every family should sow an ounce or two for pickling in jars; a fine table relish. **Price, ½ oz., 8c; oz., 15c; ¼ lb., 40c; lb., $1.50; 5 lbs., $7.25; 10 lbs., $14.00.**

White Barletta. It is a beautiful waxy-white color, much admired by housewives. Price, same as that of White Queen.

	Oz.	¼ lb.	lb.
Giant Brown Rocca	$0.15	$0.40	$1.40
Giant Yellow Rocca	.15	.40	1.40

From Carefully Selected Seed Bulbs

ONION SET SEED

Highest Germination Every Bag Tested

Our Onion Set Seed is strictly California grown from carefully selected bulbs. We particularly pride ourselves on germination—due to up-to-date cleaning machinery. Every bag must test satisfactorily before it leaves our establishment.

FLAT ONION SET SEED.

White Portugal or Silverskin. A large flat onion of mild flavor and great beauty, its clear white skin glistening like silver. A favorite with many for use when young as a salad or bunching onion, and for pickles. It is also a good keeper and fine for fall and early winter use. **Oz., 15c; ¼ lb., 40c; lb., $1.40; 5 lbs., $6.75; 10 lbs., $13.00.**

Philadelphia Silverskin. Special strain of White Portugal. **Oz., 15c; ¼ lb., 40c; lb., $1.40; 5 lbs., $6.75; 10 lbs., $13.00.**

Large Red Wethersfield. This is the standard Red Flat Variety; large; skin, deep purplish red; form, round, somewhat flattened; flesh, purple-white; moderately fine grained, and stronger flavored than any of the other kinds. It is more inclined to form large necks, if planted on unsuitable soil, than the Danvers, but it is the best variety on poor or dry soil. **Oz., 10c; ¼ lb., 30c; lb., $1.10; 5 lbs., $5.25; 10 lbs., $10.00.**

Extra Early Flat Red. Ours is an especially early dark red strain, carefully selected. The earliest marketable red onion. **Oz., 15c; ¼ lb., 40c; lb., $1.25; 5 lbs., $6.00; 10 lbs., $11.50.**

FLAT YELLOW SORTS.

Strassburg or Flat Dutch. A standard flat yellow onion. Flesh white and fine grained. Excellent set onion. **Oz., 10c; ¼ lb., 30c; lb., $1.00; 5 lbs., $4.75; 10 lbs., $9.00.**

Yellow Danvers. A fine productive variety of medium size; skin, coppery yellow. Excellent for yellow sets. **Oz., 10c; ¼ lb., 30c; lb., $1.00; 5 lbs., $4.75; 10 lbs., $9.00.**

Australian Brown Flat. The longest keeping flat onion. Extra early and fine yielder and a sure cropper. Much used for "Brown Sets." **Oz., 10c; ¼ lb., 30c; lb., $1.00; 5 lbs., $4.75; 10 lbs., $9.00.**

Yellow Cracker. The earliest flat yellow; desirable in climates where season is short. **Oz., 10c; ¼ lb., 30c; lb., $1.00; 5 lbs., $4.75; 10 lbs., $9.00.**

Bolton. The ideal set onion. Brown color, sell for yellow, early maturing, heavy yielder and the best of all for keeping. **Oz., 10c; ¼ lb., 30c; lb., $1.00; 5 lbs., $4.75; 10 lbs., $9.00.**

ONION SETS

Onion sets are subject to market changes, and while we shall try to maintain these prices, we cannot guarantee them to last throughout the season and advise early orders.

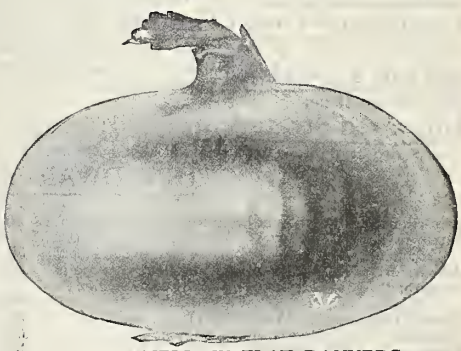
These are the product of seed and are used for "Green Onions" or to produce large Onions, which they do much more quickly than can be grown from seed. Our sets are small, dry and unsprouted.

	½ Pk.	Pk.	Bu.
White Bottoms. Bushel, 32 lbs.	$0.35	$0.65	$2.50
Yellow Bottoms. Bushel, 32 lbs.	.35	.65	2.50
Red Bottoms. Bushel, 32 lbs.	.30	.55	2.00
Red Summer Top Sets. Planted for both "Green Onions" and large bulbs. Bushel 28 lbs.	.60	1.10	4.00
Egyptian, or Winter Onion Sets. For "Green Onions." Perfectly hardy. Do not form large onions. Bushel, 28 lbs.	$0.30	$0.55	$2.00
Shallots or Yellow Multipliers. For green and large onions. Bushel, 32 lbs.	.50	.80	3.00
Yellow Potato Onions. Makes very early large onions	.60	1.10	4.00
White Multipliers. A very productive onion for "Green Onions," earlier than bottom sets.	.60	1.10	4.00

THREE FINE SET ONIONS

WHITE PORTUGAL

LARGE RED WETHERSFIELD



YELLOW FLAT DANVERS

THE CROP

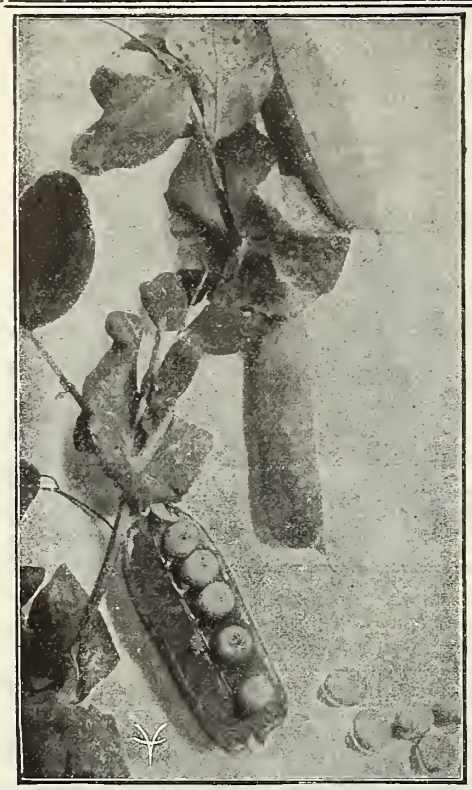
For a number of years there has been an extreme shortage of Peas. The opening of new lands in the far West where conditions for growing seed Peas are good has given us this year a fair crop, although not yet a normal one.

PEAS

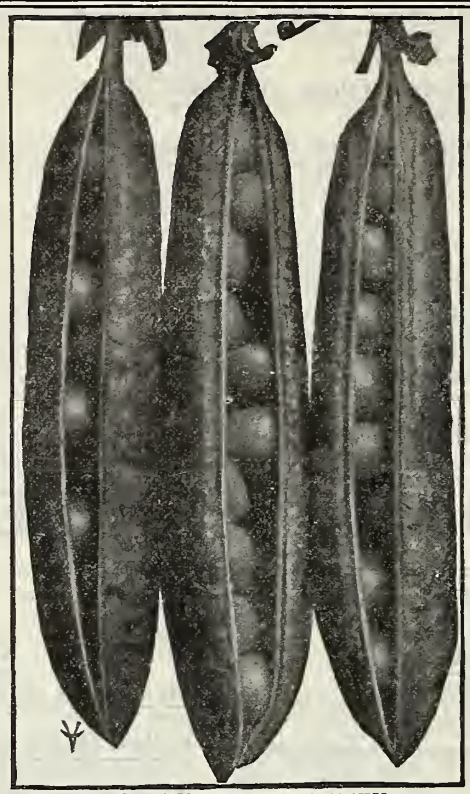
NORTHERN GROWN

THE PRICE

Prices are considerably reduced from last year and the quality in general is much better. A marked improvement in stocks and a reduction in prices due to the improved climatic conditions in the new growing districts should result during the next few years.



ALASKA OR EARLIEST OF ALL



GRADUS OR PROSPERITY

VAUGHAN'S IMPROVED TELEPHONE

Alaska Extra early round seeded, bluish pea. Very hardy; does not rot in cold ground as does a wrinkled pea. Pods 2½ inches long; fair quality; our stock is uniform and ripens evenly. **Qt 25c, ½ pk 65c, pk $1.35, bu $5.00.**

Vaughan's Select Extra Early (Maud S.) The earliest selection white seeded pea. Very uniform in ripening, they may be harvested at one picking. Same size pods as Alaska, peas better quality. Best stock. **Qt 25c, ½ pk 65c, pk $1.25, bu $5.00.**

Gradus Best extra early wrinkled pea for the market gardener. Superior to Alaska, Maud S. and others in quality and size, within three to five days as early. Pods large as Telephone; peas unsurpassed in quality. Many **poor grade** stocks of this variety are offered at low prices; Vaughan's strain is cheaper, with it you get **best results. Qt 30c, ½ pk $1.00, pk $2.00, bu $8.00.**

Thomas Laxton Similar to Gradus, only pods are blunt shape instead of pointed or tapering. On the market it does not sell up to Gradus, it is a better yielder, however; in ordinary seasons the pods contain one to two more peas. **Qt 30c, ½ pk $1.00, pk $2.00, bu $8.00.**

Ameer "A large podded Alaska". Very popular in many trucking sections. **Qt. 30c, ½ pk 95c, pk $1.90, bu $7.50.**

OTHER EARLIES

	Qt.	½ Pk.	Pk.	Bu.
Velocity. Smaller and earlier than Alaska	$0 30	$0 85	$1 65	$6 50
Surprise. The earliest wrinkled variety	30	85	1 65	6 50
First and Best. Choice extra early, white seed	25	65	1 25	5 00
Premium Gem. Semi-dwarf, early wrinkled pea	30	75	1 50	6 00

MARKET GARDEN DWARF VARIETIES

Nott's Excelsior Heaviest yielding, early dwarf wrinkled pea; very prolific. **Qt 30c, ½ pk 85c, pk $1.65, bu $6.50.**

Laxtonian—Dwarf Gradus Extra early dwarf, season of Nott's Excelsior; pods large as Telephone, best new pea in years. **Qt 35c, ½ pk $1.15, pk $2.25, bu $9.00.**

Sutton's Excelsior Large pod hardy early dwarf; because hardy, some prefer this to tender Gradus. **Qt 30c, ½ pk $1.00, pk $2.00, bu $8.00.**

Improved Stratagem Late, large, high quality, dark green pods. Hard to keep straight because small podded vines grow rapidly. Our stock the best. **Qt 30c, ½ pk 85c, pk $1.65, bu $6.50.**

OTHER DWARFS

	Qt.	½ Pk.	Pk.	Bu.
American Wonder. (True) Standard early dwarf	$0 30	$0 85	$1 65	$6 50
Little Marvel. (New.) An improved Nott's Excelsior, dark pods	30	1 00	2 00	8 00
Advancer. Second heavy yielder, fair size pods	30	75	1 50	6 00
Horsford's Market Garden. Mid-season, heavy yielder	30	75	1 50	6 00
Dwarf Telephone. (Very short)	30	90	1 75	7 00
Heroine. Late Dwarf, good pods	30	85	1 65	6 50
Juno or Dwarf Champion. Late Dwarf	30	85	1 65	6 50
Dwarf Gray Sugar	30	1 00	2 00	8 00

TELEPHONE TYPES

The early season, heavy yield, large pods, and fine flavor of Telephone Peas have placed this variety in the greatest favor for both market and home use. Following are the best selections of this popular sort:

VAUGHAN'S IMPROVED TELEPHONE

Standard high quality has been maintained for this most popular favorite, notwithstanding the unfavorable seasons of the past few years. This excellent sort has exceptional qualities, and is the best main crop. The pods immense in size, fine dark green color, more desirable than the light green of ordinary Telephone, and they are well filled with delicious, sweet peas. Height four feet. Our stock is uniform. **Qt 30c, ½ pk 85c, pk $1.65, bu $6.50.**

Alderman Best of the Duke of Albany type. Large dark pods. Uniform strain. **Qt 30c, ½ pk 85c, pk $1.65, bu $6.50.**

Telephone Light green colored pods, less uniform than Improved Telephone. **Qt 30c, ½ pk 75c, pk $1.50, bu $6.00.**

Admiral Dewey Similar to Vaughan's Improved Telephone. Large dark pods. **Qt 30c, ½ pk 85c, pk $1.65, bu $6.50.**

Prince Edward Largest pods of the Telephone Type; does not yield as heavy as Vaughan's Improved. **Qt 30c, ½ pk 85c, pk $1.,65 bu $6.50.**

LATE OR MAIN CROP VARIETIES

Champion of England Tall, vigorous and an enormous yielder; a very superior strain, one of the best and one of the oldest before the public. Late. **Qt 30c, ½ pk 75c, pk $1.50, bu $6.00.**

Everbearing Medium height, pods 3 inches long, very prolific. **Qt 30c, ½ pk 75c, pk $1.50, bu $6.00.**

Quite Content The largest podded of all Peas. Quite Content is an English exhibition variety which does very well in the United States. The vine's habit is slightly stronger than Telephone—the pods are truly prodigious in size. A good yielder and an excellent sort for fancy trade. **Qt 40c, ½ pk $1.25, pk $2.50, bu $10.00.**

	Qt.	½ Pk.	Pk.	Bu.
Long Island Mammoth. A smooth seeded Telephone	$0 30	$0 75	$1 50	$6 00
Yorkshire Hero. Wrinkled standard sort; keeps in good condition for a long time	30	85	1 65	6 50
Black Eyed Marrowfat. Ordinary quality, great yielder	25	60	1 15	4 50
White Marrowfat. Similar to Black Eye	25	60	1 15	4 50
Melting Sugar. Largest podded Sugar Pea, pods edible	40	1 25	2 50	.....
Tall Gray Sugar. Regular tall sugar	40	1 25	2 50	.....

PARSLEY

The Champion: Is a prize-winning English variety, in appearance like a tuft of finely curled moss, and of a rich deep green color. It is slow to run to seed and very hardy; of easiest growth, a few seeds sown in onion rows use no space. Grows in window boxes. **Oz., 10c; ¼ lb., 30c; lb., $1.00.**

Vaughan's XXX Parsley. An extra selected and dwarf strain of moss curled parsley. It is without question the handsomest garnishing variety to be found. Its size makes it especially desirable for green-house and frame use. **Oz., 15c; ¼ lb., 40c; lb., $1.50.**

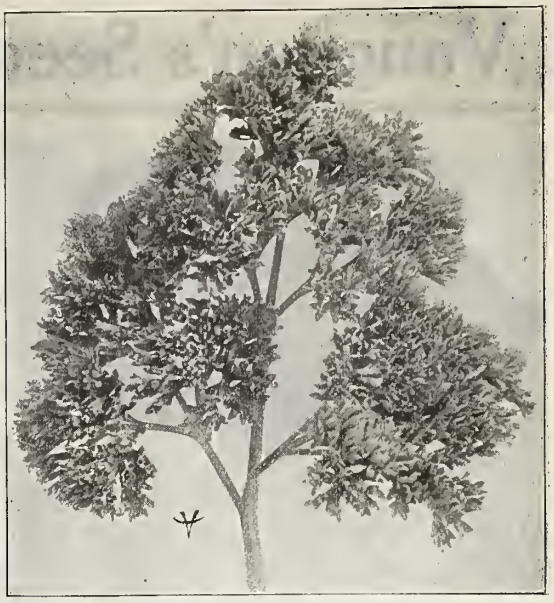
Double Curled. **Oz., 10c; ¼ lb., 30c.; lb., $1.00.**

Fern-leaved. **Oz., 10c; ¼ lb., 30c; lb., $1.00.**

Plain. **Oz., 10c; ¼ lb., 30c; lb., $1.10.**

MARKET GARDENERS' STRAINS

Hamburg Rooted or German Parsley. The root resembles a small parsnip and is the edible part of this sort; extensively used for flavoring soups. **Oz., 10c; ¼ lb., 30c; lb., $1.00.**



Champion Moss Curled Parsley

PARSNIP

Magnum Bonum. A very fine and greatly improved strain of Hollow Crown Parsnip, which we can recommend to all marketmen as a **money-maker.** The roots are smooth, not so long as those of the standard sort, somewhat thicker in diameter and much more easily pulled. A very heavy cropper. **Oz., 07c.; ¼ lb., 15c.; lb., 50c.**

Improved Guernsey. An improved strain, which has given general satisfaction. The roots do not grow so long as those of the Hollow Crown, but are of greater diameter and more easily gathered. Of excellent quality. **Oz., 07c.; ¼ lb., 15c.; lb. 50c.**

Hollow Crown, or Long Smooth. (Abbot's Improved.) Smooth, large, tender and sugary; one of the best. Our stock is very fine. **Oz., 07c., ¼ lb., 15c.: lb., 50c,**

Vaughan's Marrowfat. A thick shouldered hollow crown variety. Extra fine flavor. Its handsome appearance gives it a ready sale. **Oz., 10c.; ¼ lb., 20c,; lb,, 60c,**

PEPPER

Vaughan's Magnum Dulce Pepper.

Decidedly superior to Chinese Giant or any other variety known to market in size and sweet quality. The result of many years' careful selection by a successful grower. The yield of this variety may be greatly increased by pinching out the first or king blossoms which appear. These king blossoms produce the largest peppers. However, in doing so, they reduce the yield. The flesh runs ½ to ¾ inch thick, and is exceptionally mild and pleasant in flavor. Fifteen fruits to a bushel. **Pkt. 15c; oz. 35c; 2 ozs. 65c; ¼ lb. $1.15; lb. $4.50.**

Vaughan's Improved Sweet Mountain. It is a strong grower, very productive. The peppers when young are of a bright green color, without any shade of purple; when ripe they are of a very beautiful red; the flesh is thick, sweet and mild. They often grow 6 inches long by 4 inches through. Our strain has been selected with great care for over twenty years. **½ oz., 12c; oz., 20c; ¼ lb., 60c; Lb., $2.00.**

Ruby King. Grows 4½ to 6 inches long, by 3½ to 4 inches thick. The peppers are bright ruby red; one of the best for stuffed pickles. The mat, or walls, is quite crisp and tender. **½ oz., 10c; oz., 20c; ¼ lb., 60c; Lb., $2.00.**

Chinese Giant. **Double the size of "Ruby King."** Not only is it early in ripening and productive for so large a pepper, but its size will cause it to sell most readily. The fruits are of thick blocky form and of glossy scarlet. They grow four or five inches broad at the top, and are of equal length. All uniformly large. The flesh is mild and unusually thick; it makes an excellent salad sliced and served like tomatoes. **Pkt., 10c; ½ oz., 20c; oz., 30c. ¼ lb., $1.00; lb., $4.00.**

Pepper, New Neapolitan A great market gardeners' variety, two weeks earlier than Bull Nose or Ruby King. It is of good size, mild flavor, and the plants are of good stocky growth. Its great value lies in its prolificacy. The flesh of the fruit is quite thick, and ripens an even bright red color. **Price, ½ oz., 12c; oz., 20c; ¼lb., 60c; lb., $2.00.**

Pepper, New Upright Sweet Salad This pepper grows upright, and not hanging as do other sorts. It is a cross between Chinese Giant and a very mild, sweet variety. Its value to the market gardener is in earliness and its mild flavor, so mild, in fact, that even the seeds may be eaten raw without inconvenience. Fruits are of medium size, and are produced in good numbers. The color is a very handsome green, and turns a waxen red when ripe. A fine variety for fancy trade. **Pkt., 10c; ½ oz., 25c; oz., 40c. ; ¼ lb., $1.00: lb., $3.50.**

	½ Oz.	Oz.	¼ Lb.	Lb.
Large Bell or Bull Nose	$0.12	$0.20	$0.60	$2.00
Cayenne Long Red	.12	.20	.60	2.00
Cayenne Pickling	.15	.25	.70	
Celestial	.12	.20	.60	2.00
Elephant's Trunk	.15	.25		
Golden Dawn	.12	.20	.60	2.00
Mammoth Golden Queen	.12	.20	.60	2.00
Neapolitan Improved Upright (New)	.12	.20	.60	2.00
Red Cherry	.15	.25	.75	
Red Cluster	.12	.20	.60	
Spanish Monstrous	.12	.20	.60	2.00
Tabasco, Pkt., 10c	.20	.35		

PUMPKIN

VAUGHAN'S SUGAR PIE PUMPKIN.

Flesh very thick, sweet and fine flavored. Makes delicious pies. Price: Oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., $2.50.

	Oz.	¼ Lb.	Lb.
Winter Queen (Winter Luxury.) Fine quality	$0.10	$0.20	$0.75
Calhoun. Skin, cream color; flesh, salmon yellow	.10	.20	.75
Large Field. For cattle feeding. **10 lb., $2.50**	.10	.15	.30
Large Cheese. Flat; very productive	.10	.20	.60
Sweet Potato. Bell shaped, white flesh (for pies)	.10	.25	.90
Japanese Pie. Good keeper, fine quality	.10	.25	.80
Vaughan's Mammoth Prize. Very productive	.15	.40	1.50
Small Sugar. Good for the Home Garden	.10	.15	.50
Golden Oblong. Flesh yellow, excellent flavor	.10	.20	.60
Large Tours, or Mammoth French. Very large size	.10	.25	.80

RHUBARB.

Chicago Giant. The best bred and finest variety of Rhubarb to date. Small leaves and large stalks. **Pkt., 20c; 3 for 50c.**

MAMMOTH. Oz., 10c; ¼ lb., 30c; lb., $1.00.

Linnaeus. **Oz., 10c; ¼ lb., 30c; lb., $1.00.**

RHUBARB ROOTS. Clumps. Each 15c, 25c and 50c, according to size. Seedlings, per 100, $4.50.

RAMPION. Roots and leaves used for Salads. **Oz., 25c; ¼ lb., 80c.**

SORRELL. Broad leaved French. Cultivated for its leaves. Used like Spinach. **Oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

SAGE. For seasoning. **Oz., 15c; ¼ lb., 40c; lb., $1.25.**

Vaughan's Seed Potatoes

GROWN IN THE FAR NORTH

EARLY OHIO

THE last few seasons have been unfavorable for Ohio Potatoes in some localities, so a demand has developed for an early sort that will give a good yield before the later ones are ready. While we have nothing to supplant the Early Ohio, we do offer three in the Second Early Class that are quite as prolific and in some seasons mature only a few days later than the former. They are the **Dearborn, Irish Cobbler** and **Woodbury's White Rose.**

For almost twenty years we have grown our Early Seed Potatoes in the Red River Valley of the North. Now **Vaughan's Red River Valley Grown** True to Type Early Seed Potatoes are the standard of quality throughout the country. Red River Valley Early Seed Potatoes we have found by careful trials are earlier, more vigorous and better yielders than stock from any other section. **Write for latest market prices in quantity lots.**

The prices on our potatoes are f. o. b. Chicago. If to be shipped from New York, add 50c per sack and 20c per bushel; peck and half-peck prices are the same.

Vaughan's Improved Early Ohio.

Vaughan's Red River Ohios are now the Standard of quality for this sort. We were the first to grow this variety in the Red River Valley many years ago and our stock is the best obtainable. Vaughan's Improved Early Ohio is the earliest heavy yielding quality potato on the market to-day. **Peck, 55c; bu., $1.50; sack (165 lbs.) $3.75; bbl., $4.00; 10 bu., $13.00.**

Vaughan's White Ohio.

A white sport similar to its parent, Red Ohio. Not as heavy in yield as the latter but brings a better price where a white sort is demanded. **Peck, 70c; bu., $1.75; sack (165 lbs.) $4.50; bbl. $4.75; 10 bu., $15.50.**

Woodbury's White Rose.

A heavy cropping second early White Potato. It inherits its earliness from its parent Early Rose yet in yield it compares with any of the late sorts like Rural New Yorker or Carman. The tubers are white, not so long as Early Rose and therefore are much more attractive for the ordinary market. In season White Rose ripens about ten days later than Ohio, and in quality it is superior to any other early variety. Especially good on light soil and for a local market. **½ peck, 35c; peck, 55c; ½ bu., 85c; bu., $1.50; sack (165 lbs.) $3.75; bbl., $4.00; 10 bu., $13.00.**

Dearborn

Early harvesting, good size and fine quality, are exceptional features of the Dearborn. In maturing it is medium early, a little later than the Irish Cobbler. The plant's habit is thrifty, strong and upright. In short this is easily the best quality sort to date. **½ pk., 40c; pk., 70c; ½ bu., $1.00; bu., $1.75; bbl., (165 lbs.) $4.60.**

Standard Kinds.

Carman No. 3. A popular main crop variety. Our stock is fine this year.

Rural New Yorker No. 2. Standard White Market Potato. Known everywhere as "Dusty" Rural.

Acme. A profitable early potato. Belongs to Ohio type; however, better yielder and earlier.

Sir Walter Raleigh. The best of the Carman Group. A late, flat magnificent yielding sort. A better yielder than Rural New Yorker.

Variety.	½ Pk.	Pk.	½ Bu.	Bu.	Sack	10 bu.
Rural New Yorker No. 2	$0.30	$0.50	$0.75	$1.40	$3.50	$12.00
Carman No. 3	.30	.50	.75	1.40	3.50	12.00
Acme	.30	.55	.80	1.50	3.75	13.00
Sir Walter Raleigh	.30	.50	.75	1.40	3.50	12.00
Bliss' Triumph	.35	.60	.90	1.65	4.10	14.50

11-peck bbl., 25c extra.

SWEET POTATOES.

GROWN ESPECIALLY FOR SEED

We can offer Yellow Jersey (the most popular Northern sort), Red Jersey, Red Bermuda, Early Carolina and Nansemond.

	¼ Bu. Boxed.	Bu. Boxed.	Bbl.
Yellows	$0.75	$2.00	$5.00
Reds	1.00	3.00	6.00

3 bbl. lots, 25c per bbl. less

VAUGHAN'S PEDIGREE SEED CORN—Our list of both early and late varieties is complete and up-to-date. Standard sorts recognized by the different breeding associations. No old varieties with new high-sounding names.

Irish Cobbler.

This variety has attained great popularity in the past few years on account of its extreme earliness and heavy yields. On favorable soils (this variety prefers light or sandy conditions) Irish Cobbler will yield well up in comparison to late varieties. The quality is rather coarse but the appearance is excellent and it meets with a ready sale. We are able to offer Red River Grown stock this year and we know our customers will like it much better than any stock they have seen of the variety heretofore. **½ peck, 35c; peck, 55c; bu., $1.50; sack (165 lbs.) $3.75; bbl., $4.00; 10 bu., $13.00.**

IRISH COBBLER

Vaughan's New Keystone. A new pure white (the whitest we have ever seen), long, heavy yielding, late potato. We consider it the finest eating quality of all the varieties we have ever tried. **½ peck, 40c; peck, 70c; bu., $1.75; sack, $4.35; bbl., $4.60; 10 bu., $15.50.**

New Potato, Gold Coin. Introduced in the East several years ago. After a trial we find it a very profitable variety in loose and also mucky soils, as the roots run deep. Not so desirable in heavy or clay soils. The tubers are white with slight streaks of pink and run uniformly large. Vines strong and vigorous. **Price, ½ peck, 30c; peck, 55c; ½ bu., 80c; bu., $1.50; 165-lb. sack, $3.75; bbl., $4.00; 10 bu., $13.00.**

NEBRASKA, New Late White.

This is one of the best main crop White Potatoes ever introduced, everywhere outyielding the standard main crop kinds. The vines are wonderful growers and very hardy. Does well on heavy lands as the tubers are flat and set near the surface. **Price ½ peck, 35c; peck, 60c; bu., $1.50; 165-lb. sack, $3.75; bbl., $4.00; 10 bu., $13.00.**

NEBRASKA, NEW LATE WHITE

BEST TYPES VAUGHAN'S RADISH BEST QUALITY

VAUGHAN'S SELECT SCARLET GLOBE

ICICLE RADISH

SCARLET TURNIP WHITE TIP

EARLY VARIETIES
IMPROVED EARLY SCARLET GLOBE
Vaughan's Selected Stock

For greenhouse and hotbed forcing, and also for outdoors this is a most desirable sort.

Very early, mild, crisp, juicy and tender; top small and will stand heat and not become pithy.

Its bright scarlet color and handsome shape make it most attractive and one of the best sellers.

Our stock is selected with greatest care, as to size, shape, color and earliness, it is the very best; it is the right one in every respect and a money maker for market gardeners. **Oz 10c, ¼ lb 25c, lb 70c, 5 lbs $3.25, 10 lbs $6.00.**

Scarlet Globe Ordinary. Oz 5c, ¼ lb 20c, lb 50c, 5 lbs $2.25, 10 lbs $4.00.

ICICLE

The finest of the White Radish variety; has long slender pure white roots, crisp to the bite, and remain so until they grow larger. The tops are short, permitting close planting; early maturing, mild. The roots keep a long time before getting pithy.

Many of our customers consider it the finest quality radish they have ever planted.

Owing to its exceptional qualities as a perfect Radish for eating, being mild, crisp, white, it is a great favorite, and a profitable sort for the market gardener with a private trade. **¼ lb 15c, lb 50c, 5 lbs $2.25.**

STANDARD TURNIP SORTS

	Oz.	¼ lb.	Lb.	5 lbs.
Vaughan's Early Scarlet Globe, White Tip	$0 05	$0 20	$0 60	$2 75
Earliest Carmine Turnip	10	25	70	3 25
Crimson Giant Forcing	05	20	60	2 75
Earliest White Turnip (White Box)	05	20	60	2 75
Triumph (Variegated)	10	20	60	2 75
All Seasons	05	15	60	2 75
Non Plus Ultra	10	25	70	3 25
Early Deep Scarlet Turnip	05	20	60	2 75
Yellow Turnip	05	20	60	2 75
Golden Yellow Summer Turnip	05	20	60	2 75
Vaughan's Cardinal Forcing	10	25	75	.....

For Garden and Greenhouse Tools, Market Gardeners' Supplies, Fertilizers, etc., see pages 23 to 28. We carry only high grade, dependable stock.

EARLY VARIETIES
SCARLET TURNIP WHITE TIP
Vaughan's Sparkler Strain

This is the most popular Radish for out-door planting. It combines those qualities of attractive appearance, both color and shape which make it a splendid seller.

It is bright scarlet with white tip, just enough white to give sharp contrast to the red.

The tap root is very slender. We sell many thousands of pounds of this Radish annually to the most critical market gardeners, proving our stock is the very best.

Our seed is most carefully grown from transplanted roots, just right in color, size and shape. **Oz 10c, ¼ lb 15c, lb 40c, 100 lbs $35.00.**

Scarlet Turnip White Tip, Choice stock. **Oz 7c, ¼ lb 15c, lb 35c, 100 lbs $30.00.**

EXTRA EARLY OLIVE SHAPED RADISHES

	Oz.	¼ lb.	Lb.	5 lbs.
Vaughan's 20-Day Forcing	$0 10	$0 25	$0 85	$....
Improved French Breakfast	10	20	70	3 25
French Breakfast	05	20	60	2 75
Earliest White Olive	10	25	80	3 75
Olive Yellow May	05	20	60	2 75
Oval Deep Scarlet	10	25	70	3 25
Vaughan's Olive Crystal	10	25	80	3 75

EARLY LONG RADISHES

	Oz.	¼ lb.	Lb.	5 lbs.
Icicle. The best white Radish, early, the very highest quality and the roots keep a long time without becoming pithy	$0 05	$0 15	$0 50	$2 25
Brightest Long Scarlet (Cardinal)	05	15	50	2 25
Early Long Scarlet (Short Top)	05	15	50	2 25
Cincinnati Market	05	15	50	2 25
Vaughan's Market (Long White)	05	15	50	2 25
Wood's Early Frame	05	15	50	2 25
Half Long Deep Scarlet	05	15	50	2 25

SUMMER VARIETIES

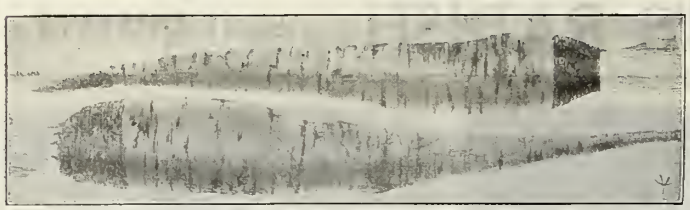
	Oz.	¼ lb.	Lb.	5 lbs.
Improved Chartier	$0 05	$0 15	$0 50	$2 25
Long White Vienna	05	15	50	2 25
White Strassburg	05	15	50	2 25
White Stuttgart	05	15	50	2 25

WINTER RADISHES

Do not sow until last of June.

	Oz.	¼ lb.	Lb.	5 lbs.
Chinese Mammoth, or Celestial	$0 05	$0 20	$0 60	$2 75
California Mammoth White Winter	05	20	60	2 75
Rose, or Scarlet China Winter	05	15	50	2 25
Round Black Spanish	05	20	60	2 75
Long Black Spanish	05	20	60	2 75
Half Long Black Winter	05	20	60	2 75
Long White Spanish	05	20	60	2 75
The Munich	05	20	60	2 75

SALSIFY OR OYSTER PLANT



Salsify, Mammoth Sandwich Island

Sandwich Island Mammoth. Grows uniformly to an extra large size, averaging fully double the size and weight of the roots of the old variety. The roots, notwithstanding their size, are of superior quality and very delicate flavor. Oz., 15c; ¼ lb., 30c; lb., $1.00.

LONG WHITE SALSIFY. Oz., 15c; ¼ lb., 30c; lb., $1.00.

Scorzonera. (BLACK SALSIFY). Oz., 15c; ¼ lb., 40c.

SPINACH

Giant Fill Basket. (New). Considered in Germany the best Spinach ever produced. Our customers and trial grounds report phenomenal results. Its broad thick leaves are produced in remarkable abundance. **Lb., 25c.: 5 lbs., $1.00.**

For spring planting—Norfolk Savoy or Bloomsdale, Large Round Leaf and Victoria are most generally planted.

The new variety Vaughan's Fill Basket, however, produces much larger plants in the same time and Vaughan's Triumph does not run to seed as quickly as other kinds.

For Fall Season—Norfolk Savoy, Large Round Leaf, and Prickly or Winter are good sorts.

Vaughan's Giant Fill Basket. This variety is as early as any and produces the largest plants of all spinach. **Oz., 5c; ¼ lb., 10c; lb., 25c.**

VAUGHAN'S NORFOLK SAVOY SPINACH.

The popular Southern Spinach. The leaves remarkably thick and blistered, extremely hardy. Do not settle in the barrel in shipping as do other varieties. Our strain is right. Very early. **Lb. 15c; 10 lbs. $1.20.**

Extra Large Round Leaved—The most popular western variety much planted around Chicago. **¼ lb , 7c; lb., 15c; 10 lbs., $1.20.**

Vaughan's Triumph (new)—This variety will stand summer heat without runing to seed longer than any other sort.
¼ lb., 7c; lb., 15c; 10 lbs., $1.20

Bloomsdale—Indentical with Norfolk Savoy. **lb. 15c; 10lbs. $1.20.**

Large Round Viroflay—Early and large. **lb., 15c; 10 lbs. $1.20.**

Victoria—large and long seasoned thick leaves.
¼ lb., 7c; lb., 15c; 10 lbs., $1.20.

Long Standing—Smooth seed. Slow to run to seed.
¼ lb., 7c; lb., 15c; 10 lbs., $1.20.

Prickly Seeded—Very hardy for late planting. **lb. 15c; 10 lbs. $1.20.**

New Zealand—A particular branching type for summer use.
Oz., 7c; ¼ lb., 20c; lb., 60c.

SWISS CHARD—A Money Crop

Cut and Come [Again] Spinach, as it is sometimes called, is far superior to the common Beet for greens and equal to Spinach. Planted like Beets, it may be cut throughout the entire summer and fall when no Spinach is to be had. Often used as a catch crop chard gives quick results where ground would otherwise stand idle. Especially popular with the Italian gardeners.

Large Leaved or Sea Kale Chard. Oz., 7c; ¼ lb., 20c; lb., 60c.

Lucullus—A very curled sort, very large leaves with broad mid-ribs. **Oz., 10c; ¼ lb., 30c; lb., $1.00.**

Lyon—A new variety especially selected for its broad mid-ribs and stems which are cooked like asparagus. **Oz., 10c; ¼ lb., 30c; lb., $1.00.**

SQUASH

CHICAGO WARTED HUBBARD

SUMMER VARIETIES.

Vaughan's Giant Summer Crookneck. The best of the Yellow Summer Crookneck varieties. A large and fine strain. **Oz., 10c; ¼ lb., 25c; lb., 70c.**

Mammoth White Bush. (Patty Pan.) An improved selection of the early White Bush, being considerably larger and deeper, has less scallops, saving waste, and produces more heavily. **Oz., 8c; ¼ lb., 20c; lb., 50c.**

	Oz.	¼ lb.	Lb.
Yellow Summer Crookneck. Smaller than Giant	$0.08	$0.15	$0.50
Giant White Summer Crookneck. A white selection of Yellow Summer Crookneck	.08	.20	.50
Straightneck Summer. Crop failed.			
Mammoth Yellow Bush. Large strain of Yellow Bush	.08	.30	.60
Yellow Bush Scalloped. (Orange Patty Pan.)	.07	.15	.50
Early White Bush. (White Patty Pan.)	.07	.15	.50
Fordhook. An all year round variety	.10	.25	.80
Bush Fordhook. Bush form of Fordhook	.10	.25	.75
Delicata. Small fruited and early	.10	.25	.75
Vegetable Marrow. An English vegetable	.10	.25	.75

WINTER VARIETIES.

Chicago Warted Hubbard. A selection of the largest, heaviest dark rough skinned specimens of the old Hubbard. We are and have been headquarters for years. **Oz., 10c; 2oz., 15c; ¼ lb., 25c; lb., 80c; 5 lbs., $3.75; 10 lbs., $7.00.**

Hubbard. An extra choice strain, none better. **Oz., 10c; ¼ lb., 25c; lb., 80c; 5 lbs., $3.75; 10 lbs., $7.00**

Golden Hubbard. A golden form of Hubbard. Almost bug-proof. **Oz., 10c; ¼ lb., 25c; lb., 80c;**

	Oz.	¼ lb.	Lb.
Delicious. The quality squash	$0.10	$0.25	$0.75
Boston Marrow. Fall orange sort	.08	.20	.60
Chicago Orange Marrow. Large as Hubbard	.10	.25	.75
Pike's Peak. Large oval fruits	.10	.25	.75
Faxon's Brazilian. Long keeping	.10	.25	.75
Golden Bronze. Very sweet	.10	.20	.65
Essex Hybrid. (Turk's Cap.) Large fall sort.	.10	.25	.75
Marblehead. Fine quality, blue, olive shape	.10	.30	.90

SWISS CHARD—Nothing better for "Summer Greens"

VAUGHAN'S TOMATO SEED

Our seed is raised by the most experienced growers, some of whom specialize on particular varieties only. Cheap tomato seed is very dear for the market gardener.

NEW GLOBE TOMATO (The Most Perfect Table Variety)

Certain Tomatoes sell much better on some markets than do other sorts. For example a red tomato sells well in New York while a purple sort is wanted in Chicago. Find out what your customers want.

New Globe. An entirely new shaped purple tomato. The majority of fruits being elongated in shape. Medium in season it is exceedingly prolific and bears large sized fruit throughout the season. In the few seasons since its introduction it has become the most popular high quality purple sort. Every gardener raising tomatoes should have a planting of this new kind. **½ oz. 12c; oz., 20c; ¼ lb., 70c; lb., $2.50.**

June Pink. The earliest pink tomato. We have a fine strain. Our Chicago customers have made good money on this sort the last few seasons. **½ oz., 12c; oz., 20c.; ¼ lb., 70c.; lb. $2.50.**

Early Detroit. (New.) See page 4—novelties. A new second early purple variety. Summarized, it is an early Beauty producing even more marketable fruits than that old standard. **½ oz., 12c; oz., 20c; ¼ lb., 70c; lb., $2.50.**

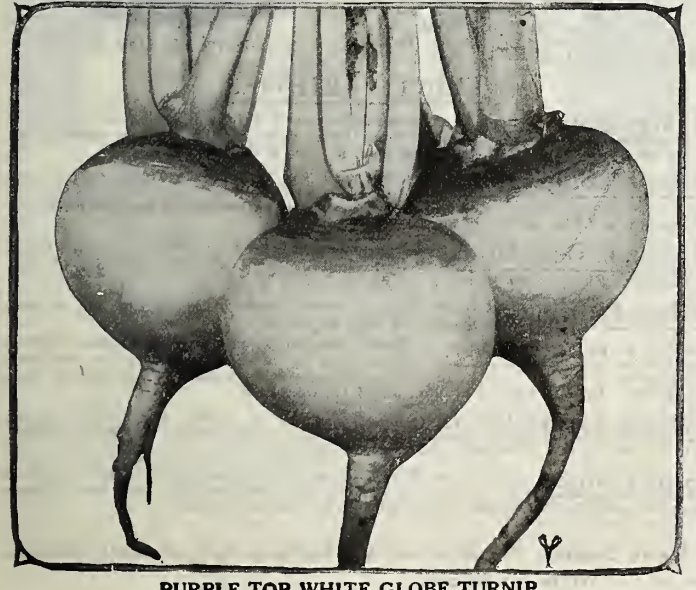
Vaughan's Select Earliana. The earliest large smooth red Tomato. Where a market likes a red tomato this variety is without equal as an early. Our strain has been most carefully bred early in season and produces a large percentage of smooth fruit. **½ oz., 12c; oz., 20c; ¼ lb., 60c.; lb. $2.00**

Bonny Best. An improved type of Chalk's Early Jewel Tomato. A red variety ripening right after Earliana and producing a fine large smooth fruit. It bears for a much longer period than Earliana, lasting well into the main crop season. **½oz., 12c; oz., 20c; ¼ lb., 70c; lb., $2 50.**

POPULAR STANDARD.

Per pkt., 5 cents for any of the following except when noted:

	½ Oz.	1 Oz.	¼ lb.	Lb.
ACME. Early, large, smooth pinkish, purple in color, always a favorite	$0.12	$0.20	$0.60	$2.00
Atlantic Prize. Good size; early smooth red	.12	.20	.60	2.00
BEAUTY. Fine strain of this popular large sized smooth purple main crop sort	.12	.20	.60	2.00
Buckeye State. Round, smooth red	.12	.20	.70	2.60
CHALK'S EARLY JEWEL. Later but better yielder than Earliana	.12	.20	.65	2.25



PURPLE TOP WHITE GLOBE TURNIP

POPULAR STANDARD—Continued.

	½ Oz.	1 Oz.	¼ lb.	Lb.
CORELESS. A late crop. Round sort wonderfully prolific and of fine quality	$0.12	$0.20	$0.70	$2.50
Crimson Cushion. Very large round scarlet	.15	.25	.75	3.00
Cream City. Purple, large and early	.12	.20	.60	2.00
Dwarf Aristocrat. A dwarf red	.12	.20	.65	2.25
DWARF CHAMPION. The most popular dwarf. Purple in color, always smooth	.12	.20	.65	2.25
DWARF STONE. Red, the largest dwarf	.12	.20	.70	2.50
Earliest of All—Vaughan's. The earliest but rough	.12	.20	.65	2.25
Early Michigan. Early deep red	.12	.20	.60	2.00
Enormous. Very large, smooth red	.12	.20	.65	2.25
Favorite. Early, large smooth red	.12	.20	.60	2.00
Freedom. Very early bright scarlet	.12	.20	.65	2.25
Golden Queen. Rich deep yellow	.12	.20	.65	2.25
Ground Cherry or Husk Tomato	.15	.25	.70	2.50
Imperial. Large smooth purple	.12	.20	.60	2.00
Honor Bright. A fine shipper, large and good quality	.12	.20	.60	2.00
HUMMER—New. One of the new type round tomatoes. Early bright scarlet	.12	.20	.65	2.25
MAGNUS. Large potato-leaved purple	.12	.20	.60	2.00
MATCHLESS. A fine large bright red	.12	.20	.65	2.00
Model—Vaughan's. One of the best dwarf reds	.12	.20	.70	2.50
Perfection. One of the best scarlets	.12	.20	.60	2.00
PONDEROSA. The largest of all Tomatoes. We have a fine stock	.15	.25	.75	3.00
STONE IMPROVED. The best main crop. The most productive of all varieties and a fine shipper. Our strain unsurpassed	.12	.20	60	2.00
Tall Champion. A wonderful yielder of medium sized purple Acme colored smooth fruits.	.12	.20	.65	2.25
Trophy. An old favorite red	.12	.20	.60	2.00
Small Fruited Sorts. Red Cherry, Red Currant, Yellow and Red Pear, Yellow and Red Peach, Yellow and Red Plum, any one	.15	.25	.75	2.50

Forcing Sorts. Comet, Sunrise, Sterling Castle, **each, pkt., 25c; 1 oz., 50c. Lorillard-Sutton's Best of All—Pkt., 10c; oz., 35c.**

JUNE PINK (The best early Purple Tomato)

TURNIP.

	Oz.	¼ lb.	Lb.
White Milan. Earliest of all	$0.10	$0.30	$ .90
Early Extra Milan	.10	.30	.90
Purple Top Strap Leaf, 10 lbs., $3.50	.05	.15	.40
White Egg	.05	.15	.45
Purple Top White Globe, 10 lbs., $4.50	.08	.20	.50
White Flat Dutch, 5 lbs., $1.75	.05	.15	.40
Amber Globe	.05	.15	.40
Yellow Aberdeen, 10 lbs., $3.75	.05	.15	.45
Sweet German	.05	.15	.45
Golden Ball	.05	.15	.45
Large Yellow	.05	.15	.40
Long Cowhorn	.05	.15	.50
Early Snowball	.05	.15	.40
Seven Top	.05	.15	.45
Rhode Island Rock	.08	.20	.60
Yellow Stone	.05	.15	.45
White Norfolk	.05	.15	.45
Teltow	.10	.20	.75

RUTABAGA, OR SWEDE.

	Oz.	¼ lb.	Lb.
Monarch, 10 lbs., $3.50	$0.05	$0.15	$0.40
Laing's Swede	.05	.15	.40
New Breadstone	.05	.15	.40
Carter's Imperial Swede	.05	.15	.40
American Improved, 10 lbs. $3.25	.05	.15	.40
Skirving's Rutabaga	.05	.15	.40
White Swede	.05	.15	.40
Sutton's Champion	.05	.15	.40
Vassar (New)	.05	.15	.50

Vaughan's Pedigree Seed Corn

Our Seed Corns, Early and Late, Dents and Flints, Fit Every Corn Growing Locality

MADISON YELLOW DENT

Seed Corn for the whole country cannot be raised in one locality. Our Seed Corn is grown by the most expert growers in those localities where each variety does its best. Kinds suitable only for a short or medium corn-growing season are raised for us in Northern sections. Main Crop sorts are grown for us in sections where they reach their full maturity and development. Order Seed Corn early, then you can make your own vitality tests before planting. We test bi-monthly and no Seed Corn of doubtful vitality is shipped out by us. It has not been a difficult year to cure Seed Corn and our medium and early seed is in splendid dry condition.

EARLY VARIETIES

Madison Yellow Dent. This Corn is, we believe, the best Yellow Dent Corn ever introduced for the vicinity of Chicago, Northwestern Indiana, Wisconsin and Michigan. It grows to maturity in 100 to 105 days of ordinary Corn weather, and is a wonderful yielder. The ear is a little smaller than Reid's Yellow Dent, but resembles the latter variety otherwise. Ears 8½ in. long, 16 rowed, dark red Cob. The kernels are deep, closely set together in even rows, with just space enough to permit drying, a very essential point in Northern Corn. Our Strain is grown on our own farms in Central Michigan and Northern Illinois, and under our direct supervision in the same localities. **Price, shelled from selected ears, ½ pk 50c, pk 80c, bu $3.00, 2 bu or over at $2.75 per bu.**

Important. We have grown and selected from a 1 500 bushel crop on our Michigan Farm about 200 crates of selected, artificially dried ears of Madison Yellow Dent. All these ears have been cured on hangers and no better seed can be obtained. The germination test of these selected ears should be almost perfect. Put up in one bushel crates, 70 lbs., of these ears selected three times by hand. **Price, $5.00 per bushel crate.**

Reid's Yellow Dent, Northern Grown. The highest standard Yellow Dent Corn grown in Illinois, where the true type of "Reid's" is at home and unexcelled. We have never dared sell the regular full sized type of "Reid's" north of Kankakee and La Salle counties; while it really matures best south of that parallel we know some dealers who pick small ears from their crop, grown farther south and sell the same in Northern Illinois. Such are not honest seedsmen. We have secured a selection of Reid's Dent this season which has grown and matured in fine dry condition within 50 miles of Chicago for three years and this we now offer for use in Cook County and westward as the finest, highest grade yellow Corn which can be safely planted this far north. **Shelled ½ pk 50c, pk 80c, bu $3.00, selected ears $4.00 bu.**

Minnesota No. 13, or Wisconsin No. 8. A heavy yielding, extremely Early Yellow Dent Corn. It matures in 90 days of Corn weather. Stalks are quite tall and this variety furnishes a large amount of fodder. Grows to a height of 8 ft. on good soil. Ears, medium size, 8 in. long, 16 row, and taper toward the tip. The kernels show a good Dent type and are of fair depth. It is not as well bred a type yet as Madison Yellow Dent. It is, however, about 10 days earlier. Wisconsin grown shelled from selected ears. **½ pk 50c, pk 80c, bu $3.00.**

North Star. This variety which has been featured in our catalog for more than 25 years we have occasionally lost our crop of, but good customers of ours in the vicinity of Baraboo, Wisconsin, have maintained a notable purity of selection and we renewed our planting stock last spring. The resulting crop on our own farms this autumn has proven very early, being dry and fit for seed purposes in September. This Corn will mature as far north as Madison, Wisconsin. Sixteen rows, deep grain, small red cob, the most valuable Dent Corn suitable for Corn Belt in the latitude of Southern Minnesota and Middle Wisconsin. **Price, Shelled Corn, ½ pk 45c, pk 75c, bu $2.75; Selected ears, bu crated $4.00**

Pride of the North. A very desirable variety for southern Wisconsin, Michigan and northern Illinois, especially Cook County. Matures in 90 days of good Corn weather. A good yielder, although very early. Type not well fixed. **Price: Shelled, pk 60c, $2.25, bu 2 bu $4.25.**

Silver King, or Wisconsin No. 7. White Dent matures in 100 to 105 days. Of good cylindrical shape. Ears 8 inches, usually 16 rowed. The kernels are deep set, just thick enough so rapid ripening is not checked. Will ripen as far north as central Wisconsin. Wisconsin grown seed. **Price: Shelled, from selected ears, ½ pk 45c, pk 75c, bu $2.75. Selected ears, per bushel crate, $4.00.**

Dakota Sunshine. The earliest Dent Corn. Matures in better than 90 days. Kernels are quite dented, yellow tinged with red in color. A good yield may be had by planting closely. Dakota grown. **Price: Shelled, ½ pk 45c, pk 75c, bu $2.50.**

MEDIUM AND LATE VARIETIES

Reid's Yellow Dent. (Shelled and on ear.) The great prize-winning Show Corn. Brought to Illinois in 1846 from Ohio. Fifty years of careful selection has resulted in remarkable evenness in appearance of ears. It is more accurately described as follows: Ear 9 to 10 in. long, 7 in. around, 18 to 24 rows with narrow space between rows; deep grains with small cob, well filled at butt and tip. We offer a very choice selection of seed grown from pedigree seed selections for years. It has won first prizes at Springfield State Fair and National Corn Show. **Price: ½ pk 50c, pk 80c, bu $3.00, 4 bu $11.50, 10 bu $27.50. Selected ears, bu crate $4.00, three for $11.50.**

Gold Mine. This is now a standard yellow for central Corn belts. We have a very choice stock of this in fine order and suitable as to maturity all through central Illinois, Iowa and like sections as far north as Dixon and Cedar Rapids. **Price: Pk 60c, bu $2.00, 4 bu lots $7.50.**

Leaming. This Corn is a very popular large Yellow Dent variety. The ears are 9 to 11 inches, and nearly always two good ones to each stalk. Averages about 20 rows, has a deep kernel with small red cob. It is the feeder's ideal Corn. Ripens in 100 to 110 days of good Corn weather. **Price: Pk 60c, bu $2.00, 4 bu lots $7.25.**

Silver Mine. (Iowa.) In this we offer one of the best standard White Corns in existence, surpassing in yield most kinds (it is claimed to have produced 215 bushels per acre); it will mature in a fair season as far north as Dubuque, Iowa. It has shelled 64 pounds of Corn to 6 pounds of cobs. Customers who are looking for a big yield will do well to put in a good acreage of Silver Mine. **Price: pk 60c, bu $2.00, 4 bu lots $7.25.**

Boone County White. The highest type of White Dent 120 day strictly central Corn belt variety. It is the great prize winner at Corn Shows! Central Illinois Seed of class! **Price: selected ears, bu crates $3.00, 3 bu $8.50; shelled, ½ pk 35c, pk 60c, bu $2.25.**

FLINT VARIETIES

Longfellow Flint. A beautiful 8-rowed Yellow Flint. Ear from 10 to 15 inches long; very prolific. **Price: shelled, pk 65c, bu $2.25. Postpaid, large pkt 10c, pt 25c, qt 35c.**

Giant Long Flint. A tawny and smoky white variety, one of the best for ensilage and fodder, because of its suckering habit and breadth of blade. **Price: ½ pk 35c, pk 60c, bu $2.00, 2 bu for $3.75. Postpaid, pkt 10c, pt 25c, qt 35c.**

Golden Dew=Drop. A handsome, bright yellow, 8-rowed Flint, **Price: shelled, large pkt 10c, pt 25c, qt 35c. postpaid. Pk 60c, bu $2.00, 2 bu for $3.75.**

King Philip. (Reddish Flint.) **Price: shelled, pkt 10c, pt 25c, qt 35c, postpaid. Pk 60c, bu $2.00.**

Will's Jehu 70=Day. This is probably the earliest valuable Yellow Flint Corn we have. It has won first premium in Dakota for best Yellow for that climate. **Price: pkt 10c, pt 25c, qt 40c, postpaid. By express, ½ pk 65c, pk $1.15, bu $4.00.**

Rhode Island White Cap Flint. A variety particularly suited for hominy. **Price: shelled, pk 75c, bu $2.50. Postpaid, pkt 10c, pt 25c, qt 35c.**

Smut Nose. A popular Wisconsin and Michigan variety usually planted when planting time is too late for Dent varieties. **Price: shelled, pk 60c, bu $2.00. Postpaid, pkt 10c, pt 25c, qt 35c.**

See our General Descriptive Catalog for varieties of Grass and Farm Seeds. We offer all the leading sorts of Oats, Wheat, Barley, Clover, Cow Peas, etc. Write for prices.

REVISED A B C LIST OF SUPPLIES

NOTICE.—Prices quoted in this Catalogue are subject to change without notice, owing to the unsteady condition of market. This applies particularly to Fertilizers. Supplies postpaid only if so stated.

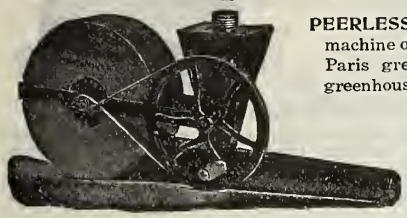
APRONS, Rubber.

These are especially made for us of best quality of Black Sheeting, and are 1¼ yards long. Each $2.00; 3 for $5.70. Postage, 25 cents each extra.

Waterproof, Oiled, Yellow—Will give good satisfaction, each 75c; 3 for $2.00.

BELLOWS

American. — Used for dusting plants with sulphur or like material. Three sizes, Each.....$1.00, $1.15 and $1.25



PEERLESS SULPHUR BLOWER.—The best machine on the market for applying sulphur, Paris green, slug shot, etc., to plants in greenhouses. A 200-ft. greenhouse can be easily powdered in five minutes with this machine. Ea. $4.00

JUMBO POWDER GUN, 25c; Cyclone, small size, 15c. See also "Sprayers."

LEGGETT'S LITTLE GIANT DUSTER

The best dry powder gun; can dust two rows at a time. Each, $5.50.

DIBBERS. For transplanting vegetable plants. Steel point; very desirable. Each, 30c; post-paid, 40c.

CARNATION SUPPORT—Common Sense.—The best and simplest Carnation Support on the market to date. Has a 24-inch galvanized stake that will hold 1 to 4 rings. The anchor or foot holds the support erect and firm. The rings are prevented from twisting or sliding by the crimps in the stake. Write for descriptive pamphlet and prices in large quantities. Price, 2-ring supports per 100, $2.00; 1000, $17.00: 3-ring supports, per 100, $2.50; 1,000.....$20.00

FUMIGATORS

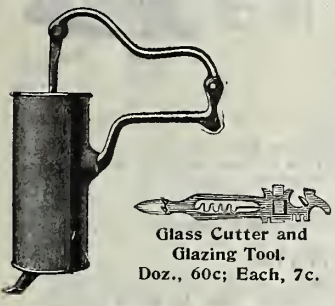
No. 1.	Eureka. galvanized; holds ½ peck of stems				$1.25
No, 2.	"	"	1	"	1.75
No. 3.	"	"	½ bu.	"	2 50
No. 4.	"	"	¾ "	"	3.25

EXTRA HEAVY BRAIDED GARDEN LINE

Per 100 ft.. 50c; by mail, 60c; 1,000 ft., $4.50.

GARDEN LINE REEL, Each.....60c.

GLAZING TOOLS AND MATERIALS



Glass Cutter and Glazing Tool. Doz., 60c; Each, 7c.

MASTICA MACHINE — DIAMOND GLASS CUTTER — PUTTY BULB

Both at Chicago and New York we are headquarters for Mastica, jobbing at low rates in quantity.

MASTICA, for Glazing Greenhouses. The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. With "Mastica" can bed in or use outside, with a machine. Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. **One gallon will cover about 290 running feet** (one side). Price, per gal., $1.35; 5 gals., $6.35; 10 gals., $12.15; 22 gals., $25.25.

MASTICA MACHINE. Each, $1.25; 5 for $5.65.

DIAMOND GLASS CUTTER. With guide wheel, each.....$4.50

GLASS CUTTER AND GLAZING TOOL. Doz., 60c; each..... 0.07

PUTTY KNIFE, No, 120. A very good tool. Each, 25c; 3 for..... .65

SCOLLAY'S PUTTY BULB. A useful tool, similar to the well-known Scollay's Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, 85c; 3 for $2.45; doz., $9.00.

GLAZING PUTTY, Twemlow's Old English. By using this putty greenhouses can be glazed in half the time and for less money than if ordinary putty is used. It will take five gallons to glaze a house 100x20 feet at a cost of $8.00. Being semi-liquid, it can be put on with an ordinary putty bulb very quickly, and as it never becomes hard, broken glass can always be removed without any danger to the other lights. Per gal. $1.65; 5 gals., $8.00; 10 gals,. $16.00; 25 gals., $38.75.

VAUGHAN'S PERFECTION GLAZIER POINTS

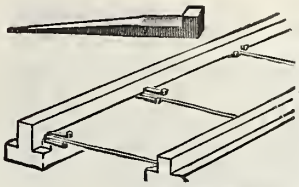
NO RIGHTS OR LEFTS

No. 2. Large single thick glass.

No. 2½. Double thick, for greenhouses and sky-lights.

Price: Per box of 1,000, 55c; mailing weight 1½lbs; in lots of 5,000, by express, 50c per 1,000.

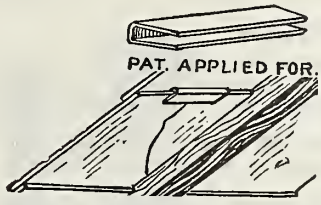
Pincers or pliers for same, 50c; mailing weight 1 lb.



SIEBERT'S IMPROVED GLAZING POINTS

Easy to drive and made so that they will not wedge or crack the glass in driving them. The head answers two purposes: First, it gives a good surface and makes it very easy to drive with a chisel; second, the point is very easily pulled out when repairing greenhouse roof. They are made in two sizes, ⅝ and ⅞ inches long, and are put up in 1-lb, packages. **Price, per lb., 40c: 5 lbs., $1.85; 20 lbs., $7.00.**

There are over 1,500 points in a pound package of ⅝.
There are over 1,050 points in a pound package of ⅞.



PEERLESS REPAIR CLAMP

A simple device for repairing broken greenhouse glass. Easily adjusted from inside of house. Saves labor, coal and glass. If applied as soon as crack is noticed the pane is just as strong as before, and will not sag or drop out.

Price, per box of 100 clamps.... $1.00

GRAFTING WAX. Per ¼-lb. bar, 12c; ½-lb, bar, 20c; 1-lb, bar.....$0.35

MOUNT BEACON GREEN, for shading greenhouses. Per gallon, $1.65; 5 gallons.....$8.00

GRASS HOOKS, or Sickles. English. Riveted back. Ea, .50
HOE, Warren. Each..... .70
HOES. Scuffle. Price, without handle, Each, 6-inch, $0.55; 8-inch, $0.65; 10-inch..... $0.75

RUBBER HOSE, ETC.

ELECTRIC NON-KINKABLE GUARANTEED HOSE

A brand of hose manfactured especially for greenhouse use. The inner tube is made of best quality rubber, very strong; the jacket of canvas or duck is mixed in such a way with the outer cover that it is extremely pliable and will not kink or crack. Comes in reels of 500 feet; order exact number of feet you require. We can cut in any length.

Guarantee.—We guarantee Electric Hose against all defects in quality or workmanship for the period of one year. This guarantee does not cover improper handling or abuse.

Price ¾ or ½ Inch; Couplings Free; Samples Mailed Free if Desired.

1 to 24 feet	19c per ft,	50 to 99 feet	17c per ft.
25 to 49 feet	18c per ft.	100 to 400 feet	16½c per ft.

HOSE COUPLER, "The Snap." A new and simple coupling, easy to operate; stationary washer; cannot fall out.

No. 1 — No. 2 — No. 3 — No. 4 — No. 5

No. 1.—Screws onto hydrant or old threaded coupling; use with No. 2 or No. 4 in connecting hose. Each, 20c; doz. $2.00.

No. 2.—Screws into faucet or ground pipe, on which it may be left permanently, and to it the hose is attached by the lever connection. No. 1 or No. 5. Can also be screwed into old threaded coupling. Each. 15c; doz., $1.50.

No. 3.—Gooseneck; screws into the old threaded coupling. Most useful at the hydrant. Each, 15c; doz., $1.25.

No. 4.—Corrugated, for insertion directly in the hose. Use with No. 5 for connecting hose. Each, 12c; doz. $1.00,

No. 5.—Corrugated for insertion in the hose. Use with No. 4 for connecting hose. Each, 20c; doz., $2.25.

Common.—For ½ or ¾-inch hose. Each, 10c; doz., $1.00. 1-inch, each, 15c; doz., $1.50.

THE COOPER HOSE MENDER.

It is simple, practical and effective. It does not reduce the diameter of the hose. It will not rust or wear out. It can be used as many times as desired. You need no wires, pliers or mechanical skill to adjust them. They make your hose as good as new and when once used you will never be without them. Price: For ½ or ¾-inch hose, each, 8c; 4 for 25c; doz., 75c; 1-inch hose, each, 10c; doz. $1.00.

Hose Menders, Iron.—¾-inch. Each 5c; doz., 45c; gross, $4.00.

NOZZLES.

Chicago Nozzle.—Each, $2.50.

Hose Nozzle, "Gem."—Throwing all variations, from fine spray to stream. Each, 50c.

Hose Nozzle, Boston Rose Spray.—Brass, ¾-inch hose. State whether coarse or fine spray is wanted. Each, 50c; by mail 60c. The Wittbold Nozzle. This Nozzle has been patterned after the old method of sprinkling with a hose and using your thumb as a substitute for the nozzle. The spray is fan-shaped and can be changed instantly into a heavy stream or fine mist by simply moving a slide which is controlled by the hand that holds the hose; just the thing for greenhouse men. Can also be used as a Lawn and Garden Sprinkler, each $1.00.

Vermorel Nozzle.—For spraying Insecticides and Whitewash.....75c

Bordeaux.—For Insecticides and Whitewashing, each.....75c

INSECTICIDES

Liquid Insecticides cannot be sent by mail.

ANT EXTERMINATOR.—A non-poisonous powder which, scattered about their nests, kills or drives away ants from lawns, etc. Per box 25c; by mail 35c; smaller size 15c.

APHINE.—For all kinds of plant lice. 1 pt., 65c; 1 qt., $1.00; 1 gal., $2.50.

APHIS PUNK.—Special preparation of nicotine for killing insects. Per pkg., 12 sheets, 60c; 1 case 12 pkgs., $6.50.

ARSENATE OF LEAD.—The latest and best known insecticide for all Leaf-Eating Insects, adhering to the foliage for weeks, thus eliminating many repeated resprayings. There is absolutely no danger of burning or scorching the leaves. Lb., 25c; 5 lbs., $1.00; 10 lbs., $1.80; 25 lbs., $3.75; 100 lbs., $14.00.

BLACK LEAF 40, is a solution of Nicotine, highly recommended by Experiment Stations throughout the United States, for soft bodied sucking insects. For spraying only; directions must be followed carefully: ½ lb., can, 85c, makes 40 to 100 gallons; 2½ lb., can, $3.25, makes 200 to 500 gallons; 10½ lb., can, $12.50, makes 840 to 2,100 gallons.

BORDEAUX MIXTURE.—(Dry.) The best fungicide for checking and preventing black rot, mildew, blight, leaf curl, scab or other similar diseases on fruits and plants. 1 pound will make 5 gallons liquid. Lb., 25c; 5 lbs., $1.00; kegs, 28-lb., $4.50.

BORDEAUX MIXTURE.—(Liquid) Ready for use by simply adding water. 1 gallon will make 50 gallons liquid. 1 qt., 40c; 1 gal., $1.00; 5 gallon can, $4.50.

FIR TREE OIL.—Fine spray for greenhouse and house plants affected with mealy bug, scale, red spider, black and green aphis, thrip, lice, worms and slugs. Small bottle, 25c; ½ pint, 40c; pint, 75c; quart, $1.25; gallon, $4.00.

FIR TREE OIL SOAP.—For thrip, red spider, black and green fly, mealy bug, worms, slugs. Per ½-lb. tin, 25c; by mail, 35c; 2-lb. tin, 75c.

FUNGINE.—New remedy for mildew rust or other fungus disease for greenhouse and outdoor use. 1 qt., 75c; 1 gal., $2.00.

Flour of Sulphur.—Lb., 8c; 10 lbs., 60c; 50 lbs., $2.00; 100 lbs., $3.90.

Grape Dust.—Excellent for the prevention and destruction of mildew on plants. Per lb., 10c; 5 lbs., 35c; 10 lbs., 50c.

Hellebore, Powdered White.—Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per lb., 30c; 5 lbs., $1.35; 10 lbs., $2.50.

HORICUM.—Sulphur, Lime, Salt, etc., in such proportions as make an effective preparation for San Jose scale. Per gal. $1.00; 5 gallons, $4.50.

KEROSENE EMULSION.—One of the best insecticides for all soft-bodied sucking insects, feeding openly so as to be within reach of actual contact, such as plant lice, flea, aphis, green fly, mealy bug; also for insects on fruit trees. Per 1-quart can, 40c; 1-gal. can, $1.00; 5-gallon can, $4.50.

LEMON OIL.—Destroys mealy bug, scale, thrip, red spider, etc. ½ pt., 25c; pt., 40c; qt., 75c; ½ gal., $1.25; gal., $2.00; 5 gals., $9.00.

"NICO-FUME."—A Tobacco Paper for Fumigating.—Paper saturated with high strength Nicotine is undoubtedly the best and easiest possible method of fumigation. "Nico-Fume" is not only made of the strongest extract Tobacco and evenly distributed on the paper, but is put up in friction top tins so that it is not possible for the Nicotine to evaporate. This is of great importance, as it is well known that Nicotine so applied, if exposed, will soon lose its strength. Full directions with every package. Price 24 sheets, $1.00; 144 sheets, $4.50; 288 sheets, $8.50.

Special rates to large consumers.

NICO-FUME LIQUID.—One of the best compounds on the market, contains 40 per cent Nicotine and is sold at the following reasonable prices: ¼ pt., 60c; pint, $2.00; ½ gal., $7.00; gallon, $13.50.

Nicoticide.—Fumigating compound for killing all kinds of insects on plants in greenhouses and frames.

Per gallon	$15.00
1 pint, sufficient for 32,000 cubic feet of space	2.50
½ pint, " " 16,000 " " " "	1.25
4 ounces " " 8,000 " " " "	.70

Fumigators for above, each..... .50

NIKOTEEN.—Use same as Nicoticide. Pint, $1.50; 3 pints..... 4.25

Per original case 10 pints..... 13.00

X. L. All-Liquid Insecticide.—For spraying. English preparation, purely nicotine, harmless to very delicate plants. Kills mealy bug, red spider and all insect pests. Price, ½ gal., $2.25; 1 gal., $4.00.

PARIS GREEN.—A poisonous insecticide in powder form, for insects which chew. When applied as a powder, use one part Paris Green to 100 parts plaster or flour. As a liquid, one pound of Paris Green in 150 to 300 gallons water; if used on fruit trees, add one pound quicklime. ½ lb. 18c; per lb., 30c; 5 lbs., $1.40; 14 lbs., $3.65.

INSECTICIDES—Continued.

Persian Insect Powder.—For thrips and lice. Lb., 40c; by mail, 55c.

PYROX.—Kills all leaf-eating insects, destroys fungus growth, blight and rot. Mixes easily in cold water, sprays without clogging and sticks to foliage. Price: lb., 25c; 5 lbs., $1.00; 10 lbs., $1.75; 25 lbs., $4.00; 50 lbs., $7.50; 100 lbs., $13.50.

SCALECIDE.—Oil preparation for San Jose scale. Gal. $1.25; 5 gals. $4.00.

SLUG SHOT. Hammond's.—Especially desirable for destroying currant and gooseberry worms, but may also be used for any other garden insects. Price: 5-lb. package, 40c; 25 to 50 lb. at 5c per lb. Per barrel in bulk, 250 lbs., $11.50 on cars. 3 barrels in bulk, per 100 lbs., at $4.00.

Slug Shot Duster.—One gallon size, 35c.

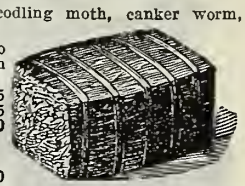
Solution of Copper.—For use on trees, vines or vegetables affected with rot, blight or scab. Per pint, 35c; quart, 60c; 1 gal., $1.75.

Sulpho Tobacco Soap.—One of the best remedies for green fly on roses. Per ½-lb. box, 20c; dozen, $2.00; 2-oz. package, dozen, 85c. A splendid article for retailing, sells at 10c per package.

Thrip Juice.—Destroys mealy bug, scale, thrip, codling moth, canker worm, beetles, caterpillars, etc. Per pint, 65c.

TOBACCO STEMS.—These prices are subject to change without notice on account of the uncertain supply of this article.

100 lbs.	$1.35
500 lbs.	5.75
1000 lbs.	9.50



Tobacco Dust, Florists' Grade.—One of the best remedies for green and black aphis, fleas, beetles, etc.. 5 lbs., 25c; 10 lbs., 40c; 100 lbs. $3.00

TOBACCO DUST, Fumigating Kind.—Can be lighted with a match or hot iron and will smoulder until entirely consumed, throwing off a heavy smoke which is sure death to insect life. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., $1.10; 100 lbs., $3.50.

TOBAKINE.—High Strength Nicotine preparation. 1 pt., $2.50; ½ gal., $9.00; 1 gal., $17.50.

FISH OIL SOAP.—Commonly known as Whale-Oil—Makes an excellent wash for trees and plants where insects and eggs affect the bark. Lb., 18c; 2 lbs., 30c; 5 lbs., 65c.

KNIVES.

	Each
Asparagus.—American	$0.35
Budding.—Imported, black handle, ivory tip	.90
English Style.—Ivory handle	Per doz., $14.00 1.25
Propagating.—English style ivory handle	Per doz., 14.00 1.25
Vaughan's Florist.—3 for $2.10; 6 for $4.00	.75
English Style.—Ivory handle, two bladed (budding and propagating)	1.25
Beech handle budding, with stationary blade	.25
Pruning.—English Stag handle	1.25
Nurseryman's Heavy Pruner	.85
Two-bladed, stag handle with pruning and budding blade	1.25
Putty Knife.—No. 120; a very good tool, 3 for 65c	.25

LABELS, POT AND TREE.

We carry the best quality of Wooden Labels made in this country. They are smooth, strong and neat.

POT LABELS.

In lots of 5,000 we allow discount of 5 per cent.

			Per 1000 Plain.	Painted.
Wooden,	4-inch,	plain....10,000,	$5.00....$0.55	.....
"	4 "	painted..10,000,	6.50....	$0.75
"	5 "	.....	.80	1.00
"	6 "	.....	.90	1.25
"	8 "	.....	2.00	3.00
"	10 "	.....	3.25	4.50
"	12 "	.....	5.50	6.50

TREE LABELS.

	Plain.	Painted.
" 3½ in. notched	$0.65	$0.85
" 3½ " iron wired	.85	1.00
" 3½ " copper wired	1.00	1.20

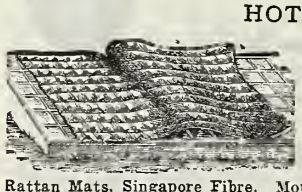
COPPER LABELS.—Wired, indestructible. Per 100, $1.25; larger size, per 100, $1.50. (See under "p" for Indelible Pencil.)

ALUMINUM TREE LABELS.—For an everlasting label these are unsurpassed. They last for many years. The writing which is done with an ordinary lead pencil gets plainer with age. They are wired and measure 1 in. wide, 3¾ inches long.

Price per 100, $2.00; 1000 for.....$18.00

Leaf Mold.—For Ferns, etc., clean stock, 6 bbls., $9.60; per bbl..... 1.80

HOT BED MATS.



Burlap Mats, lined; waste wool and cotton, quilted. Size A, 40x76 inches $1.00 each; per dozen.....$10.00

Size B, 76x76 in., $1.50 each; per doz. $15.00

Duck Mats. Same as above, with water proofed duck on one side to shed rain.

Size C, 40x76 in., $1.40 each; per doz., 15.00

Size D, 76x76 in., $2.00 each; per doz., 20.00

Rattan Mats, Singapore Fibre. Mouse and rat proof, being made of flexible cane fibre, firmly put together. One of the best and most durable mats on market. 6 ft. 2 in. long by 6 ft. wide; each $2.40; 6 for $13.50.

Mole Traps.—Out o' Sight.....each $0.85

PLANT BED CLOTH.

A substantial substitute for glass and being light, can be easily and safely shipped.

Medium, 20 yds. and up, per yd., 12c; 60 yds. and up, per yd., 11c.

Heavy, 20 yds. and up, per yd., 18c; 60 yds. and up, per yd., 17c. We do not sell less than 20 yards of a kind; it comes in 40 and 60 yard lengths. Samples on application.

NEPONSET PAPER FLOWER POTS

We are western agents for these pots. The cheapest Flower Pots on the market. They are made from Neponset Waterproof Fabric, and for lightness, cleanliness and cheapness have no equal. They are absolutely unbreakable, much lighter in weight than clay and are therefore splendid for shipping plants.

Size, inch	Per 100	Per 1000, f. o. b. New York	Per 1000, f. o. b. Chicago	Original crates hold	Gross wt. of 1000 pots about
2¼	$0.30	$ 2.20	$ 2.42	1000	12 lbs.
2½	.35	2.40	2.78	1000	17 lbs.
3	.50	3.70	3.82	1000	23 lbs.
3½	.60	5.15	5.24	1000	35 lbs.
4	.85	6.40	6.60	500	46 lbs.
5	1.20	10.25	10.96	500	80 lbs.
6	1.65	14.35	14.68	500	110 lbs.

EARTHENWARE HANGING BASKETS

TERRA COTTA

Ornamented, with saucer attached.	Each	Doz.
7 inch	$0 15	$1 50
8 inch	20	2 25
9 inch	23	2 75
10 inch	35	4 00
12 inch	45	4 75

FLOWER POTS, Standard White Clay — F. O. B. Chicago.

On orders for less than $10.00 we charge for cartage and packing. We do not assume risk of breakage on pots and like material.

Size inch	No. Pots in crate	Per 100	Per 1000	Size inch	No. Pots in crate	Per 100	Per 1000
2	1500	$0.45	$3.70	5	200	$1.75	$14.70
2½	1000	.55	4.20	6	100	2.75	24.00
3	500	.65	5.50	7	75	5.00	.....
3½	300	.80	6.30	8	50	7.50	.....
4	250	.95	8.50	9	25	9.50	.....
4½	225	1.15	9.50	10	12	15.25	.....
				12	10	23.00	.....

FLOWER POTS, Standard Red — F. O. B. Chicago.

We ship in original crates which we prefer not to break. When ordering from Chicago be sure to state if Red or White Pots are wanted, as otherwise we send Red.

No. of Pots in crate		No. of Pots in crate	
2 in. 1500	$4.00 per 1000	6 in. 100	$ 3.35 per 100
2½ in. 1000	5.50 per 1000	7 in. 75	5.00 per 100
3 in. 500	8.30 per 1000	8 in. 50	7.70 per 100
4 in. 250	1.20 per 100	10 in. 12	17.50 per 100
5 in. 200	2.50 per 100	12 in. 10	31.50 per 100

FLOWER POTS, Standard Red — At New York.

We charge for cartage and packing on orders for less than $10.00. Please note number in package; we prefer not to repack.

Size inch	No. Pots in Pkg.	Per 100	Per 1000	Size inch	No. Pots in Pkg.	Per 100	Per 1000
2	1500	$0.40	$ 4.50	5	200	$ 2.75	$26.00
2x2½	1000	.70	6.50	6	100	3.50	.....
2½	1000	.70	6.50	7	75	5.50	.....
3	500	.90	8.50	8	50	8.00	.....
3½	300	1.05	10.00	9	25	11.00	.....
4	250	1.25	12.00	10	12	13.75	.....
4½	225	1.75	16.00	12	10	30.00	.....

RAFFIA. Prices Subject to market fluctuations.

Natural, Regular Grsde, f.o.b. Chicago; lb., 20c; 10 lbs., $1.50; 100 lbs., $11.00; full bale lots, per 100 lbs., $9.50; shipped from New York, 50c per 100 lbs. less.

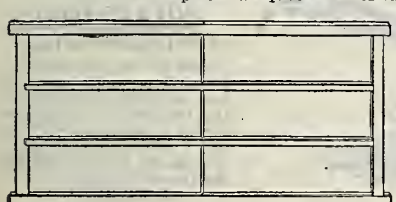
Natural, Florists' Grade, f.o.b. Chicago; lb., 25c; 10 lbs., $1.80; 100 lbs., $14.00; full bale lots, per 100 lbs., $10.50. Shipped from New York, 50c per 100 lbs. less.

RAKES

STEEL GARDEN RAKES. 12 teeth, **50c;** 14 teeth, **60c;** 16 teeth, **75c.**
FINE TOOTH STEEL GRAVEL RAKES. 16 teeth, **70c;** 18 teeth, **75c.**
STEEL "BOW" GARDEN RAKE. The best rake; does not break in middle; 12 tooth, **60c;** 14 teeth, **75c;** 16 teeth, **90c.**
WOODEN HAY RAKES. Best quality, 12 teeth, **60c.**

HOT BED SASH, UNGLAZED

The prices we quote are for sash made of Cypress.



Sash, 3 feet by 6 feet for 3 rows of 10 inch glass. Each... $1 50
3 for $4.40; 12 for..... 17 50

Sash. 3 feet 2 inches by 6 feet, for 4 rows of 8-inch glass. Each $1 60
3 for $4.75; 12 for..... 18 50

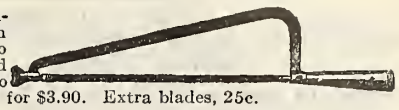
Saws, Double-Edged Pruning. Holes are provided in the handle for attaching to a pole, 16-inch, **75c;** 18-inch, **85c;** 20-inch, **$1.00**

SAWS, Double-Edged Pruning.

16-inch, **85c;** 18-inch, $1 00; 20-inch, **$1.10.**

Vaughan's Perfection Pruning.

Made of the best steel with adjustable blade, so any branch can be easily removed close to trunk of the tree. Can be used as a hand saw or fastened to any size pole. Each, $1.35; 3 for $3.90. Extra blades, 25c.



SHEARS, German Pruning.

Solid Steel. 4¼ inch, **90c;** 5½-inch, **$1.00;** 6½-inch, **$1.10;** 7½-inch, **$1.15;** 8½-inch, **$1.35;** 9½-inch, **$1.50.** Extra springs, each **15c.**

LEVIN'S IMPROVED. Most powerful shears made. Each.....**$0.50**

SHEARS.

Border. Long handle, 9-inch, **$2.25;** with wheel.....$2 50
Grass. With thumb guards, for trimming around beds. Each..... 35
Hedge. Best imported. 8-inch, **$1.25;** notched, **$1.40;** 9-inch..... 1 50
Notched. **$1.65;** 10-inch, **$1.75;** notched..... 2 00
Buckeye Pruner. Light, 26-inch handle..... 1 25
Clyde Draw-Cut Pruner. Extra strong, long handle..... 2 25
California Pruning Shears. Our best grade, extra strong, with double brass springs. 8½-inch, each..... 1 65
Improved Wire. For cutting annealed wire. Each, **85c;** 3 for..... 2 40

SOD CRUSHERS.

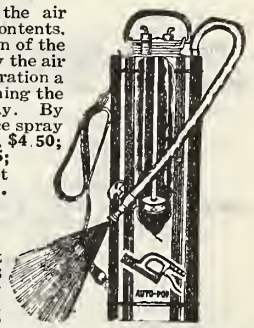
No. 1 Machine. Total height, 46 inches; size of roll, 6x21 inches, suitable for 5,000 feet or less of glass. **Each, $15.00**

No. 2 Machine. Total height, 46 inches; size of roll, 6x42; suitable for large establishment. **Each, $20.00.**

SPRAYERS

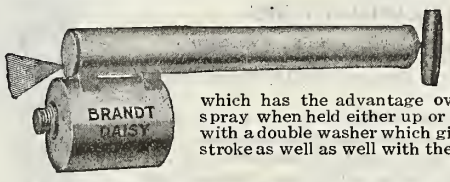
AUTO SPRAY

Eight to ten strokes of the plunger in the air chamber will compress enough air to discharge the contents. The "Auto Spray" has been improved by the addition of the "Auto Pop," an automatic valve, which is closed by the air pressure used to operate the "Auto Spray." In operation a lever is moved by simply closing the hand, thus opening the valve and allowing an instantaneous discharge of spray. By releasing the lever it closes itself automatically; hence spray is in perfect control. Price: Galvanized iron reservoir, **$4.50;** with Auto Pop, **$5.40,** solid copper reservoir, **$6.75;** with Auto Pop, **$7.65;** Brass Extension Rod, in 2-foot lengths, cach, **45c;** Two-Bow Spray Attachment **$1.35.**



BINK SPRAY

A medium priced sprayer constructed of best material, and will do good work, It is equipped with 3 feet discharge hose, shut-off cock, and our Star spray nozzle and shoulder strap. Works with compressed air. **Price**.....**$6 00**



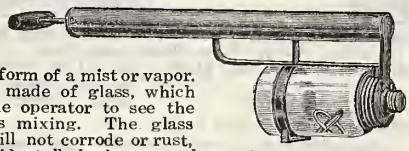
THE DAISY

A splendid little hand sprayer which has the advantage over similar makes that it will spray when held either up or down. The plunger is fitted with a double washer which gives a spray with the backward stroke as well as well with the forward. Each.....**65c**

Ferguson's Combination Sprayer and Syringe

Three Roses with each. Made of brass. Splendid for syringing under the foliage of plants where force is needed. ¼-inch connection. **Each**.....**$3.50**

THE LOWELL



For applying insecticides in the form of a mist or vapor. The reservoir of this sprayer is made of glass, which enables the operator to see the ingredients mixing. The glass sprayer will not corrode or rust, and if accidentally broken, can be replaced at once with a Mason Fruit Jar

Price: Each **75c;** 3 for.....**$2.00**

CRESCENT SPRAYER

Similar to Lowell. **Each, 65c; 3 for**.....**$1.80**

PERFECTION

The tank is made of heavier metal than has been previously used for similar sprayers, while the valve and pump are of special construction to give better service. The hose is attached at such an angle that it will not kink. Unexcelled for Whitewash, Water Paints, Insecticides, etc. Made in galvanized steel or brass. Galvanized Steel, **$5.00;** All Brass, **$7.50.**

SPRAYERS—Continued.

PNEUMATIC SPRAYER

A compressed air hand sprayer. Cuts labor of ordinary sprayer in half. Will throw a fine mist. Splendid for applying insecticides, etc.

SPRAY PUMPS

BORDEAUX Spray Nozzle. For use with "Success" Sprayer, and for spraying Bordeaux Mixture. Each, **75c**; prepaid, **80c.**

DIAMOND Spray Pump **$4,00**

PUMP, The Kinney. Each **2,00**

SUCCESS Spray Pump. The best bucket pump **4.00**

Success Spray Pump

SYRINGES

English Brass

No. O.	Length, 12½ inches; diameter, 15-16 inch	**2.00**
No. B.	Larger; 13½ in. long; 1 3-16 in. in diameter ...	**2.50**
No. C.	14½ in. long; 1 5-16 in. in diameter	**3.50**
No. D.	15½ in. long; 1½ in. in diameter	**4,25**
No. 5.	Best for general greenhouse work	**6.00**
No. 11.	18 in. long; 1 stream, 2 sprays	**4.00**
No. 12.	14 in. long; 1 in. in diameter	**2.75**

PLANT STAKES

CANE STAKES

Standard Grade. 6 to 8 feet long and weigh about 170 to 180 pounds per 1000. Price (at Chicago), per 100, **70c**; 500 for **$2.85**; per 1000, **$5.25**;. (At New York), per 100, **$1.15**; 500 for **$3.40**; 1000, **$6.35.** Special price on larger lots.

Heavy Grade. For special work. Dahlias, etc., 9 to 12 feet, weigh about 250 pounds per 1000. Price (in Chicago only), per 100, **$1.75**; 500 for **$7.00**; 1000, **$12.50.**

Japanese Bamboo. Light, strong and more durable than ordinary canes. Fine for staking lilies. Price (at Chicago), per 100, **65c**; per 1000, **$5.25**; per 5000 **$24.00.** (At New York), per 100, **60c**; 1000, **$4.75**; 5000, **$22.00.**

Green Painted Japanese Bamboo. Neat, strong and durable; best for pot plants. Painted green they can be used for the most critical trade.

	Per 100	1000		Per 100	1000
2 feet	40c	$3.50	3 feet	70c	$6.00
2½ feet	60c	4.75	4 feet	80c	7.00

Pipe Stems. 4 to 6 feet long, weight, per 1000, 54 pounds. F. O. B. Chicago. 100 for **60c**; 500. **$2.00**; 1000, **$3.50.**

Wooden, Green. Handsome and convenient for Gladiolus, etc.

	Per 100		Per 100
Light, 1½ feet	$1.00	Light, 4 feet	$5.50
Light, 2 feet	1.75	Light, 5 feet	6.25
Light, 2½ feet	2.50	Heavy, 3 feet	5.50
Light, 3 feet	3.50	Heavy, 4 feet	7.00
Light, 3½ feet	4.15	Heavy, 5 feet	8.50

Galvanized Steel Wire. Prices subject to change without notice. Write for latest quotations on quantities. Far superior to wooden stakes and practically indestructible.

No. 9 Wire	Per 100	1000	No. 8 Wire	Per 100	1000
1½ feet	$0.35	$3.00	3½ feet	$1.00	$7.80
2 feet	.45	4.00	4 feet	1.15	9.50
2½ feet	.60	5.00	5 feet	1.25	11.25
3 feet	.75	6.00			

THERMOMETERS

Thermometers cannot be sent by mail.

Tin Case—8 inch, each, **12c**; 12 for **$1.25**; 10 inch, each, **15c**; dozen **$1.60**

Cabinet.—Wood case and metal face, 3 for **$1.00**; each. **.40**

Imported German.—All glass for propagating bed, each, **.30**

Self Registering.—With magnet, 8 inch, each **3.00**

Minimum.—For registering cold during absence and showing present temperature. Each **1.75**

HOT BED (Mushroom).—Brass point, wood frame, each **2.00**

TREE PRUNERS

WATERS.—Length of pole, 4 feet, **55c**; 6 feet, **75c**; 8 feet **90c**; 10 feet, **$1.00**; 12 feet, **$1.10.** Extra blades, each, **20c.**

DETROIT.—6 foot pole, **$1.50**; 8 foot, **$1.75**; 10 foot, **$2.00.**

TROWELS

Vaughan's Steel.—Best Trowel made, one solid piece of steel, and will outwear several ordinary ones. Each, **50c**; 3 for **$1.40.** Postpaid each, **60c.**

Ordinary Garden Trowel. 6 inch, **10c**; dozen, **$1.00.**

English Steel.—An excellent trowel, neat and very durable. 6 inch, each **25c**; 3 for **60c**; dozen, **$2.00.**

TWINE

"THE QUEEN" White Cotton Twine.—For tying parcels, flowers, etc. Put up in 5-lb. sacks. Price **$1.50**

Hemp.—No. 18 for parcels. Per lb ..... **.30**

Jute.—For bunching; 2 or 3 ply, per lb. **20c**; 10 lbs, **$1.90**; 100 lbs **18.00**

SILKALINE.—For stringing Smilax, etc; fast green colors, will not fade or break. FFF, Coarse, 2-oz. spools, 1 lb. in box, 8 spools **1.25**

FF, Medium, 2-oz. spools, 1 lb. in box, 8 spools **1.25**

F, Fine, 2-oz. spools, 1 lb. in box, 8 spools **1.00**

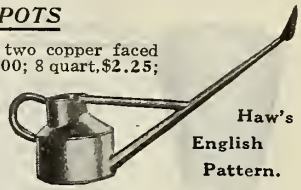
FLORISTS' THREAD.—Similar to Silkaline. Samples on application. "King Arthur" brand, 2-oz. spools, **15c**; dozen **1.00**

WATERING POTS

American.—Heavy galvanized round can, two copper faced roses, long spout, 4 quart, **$1.75**; 6 quart, **$2.00**; 8 quart, **$2.25**; 10 quart, **$2.50**; 12 quart, **$2.75.**

French Style.—Oval, otherwise same as above. 8 quart, **$2.50**. 10 quart, **$2.75**; 12 quart, **$3.00.**

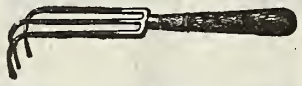
English Style, Haw's Pattern.—2 roses, long spouts, 4 quart. **$2.50**; 6 quarts, **$2.75**; 8 quart, **$3.50**, each.



Haw's English Pattern.

WEEDERS

Piqua Lawn Weeder, $1.00. Excelsior, Hand, each, 10c; **Hazeltine,** hand each, **20c**; dozen, **$2.00**; **Combination,** each, **20c**; dozen, **$2.00.**



Eureka.—The best hand weeder for loosening soil around plants. Thin forged steel fingers.

Short-handled **25c**

Long-handled **35c**

Lang's.—This we find to be by actual trial a first class labor saver. Price, each **$0.20**

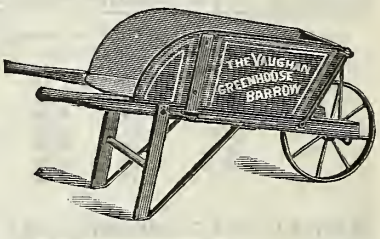
Dozen **2.00**

Magic Weeder and Hoe.

A handy tool, weeder part having four long tines. When reversed can be used as a hoe. Each, **30c.**

WHEELBARROWS

VAUGHAN'S GREENHOUSE. Made especially for greenhouse use between benches. Dimensions: Box 14 inches wide at wheel end; 16 inches wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, leaving no crack to interfere with shovel. Wheel is steel, 17 inches bigh, 2½ inch thread; 15 inch axle. The barrow is 20 inches wide over all, made of the best material, legs reinforced by iron straps. Price **$4.50.**



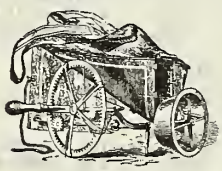
THE GLOBE GARDEN.

Measurement of box 30 inches long, 19 inches wide at wheel, 24 inches at handles. Price, with steel wheel **$4.00**

HAND CORN PLANTER

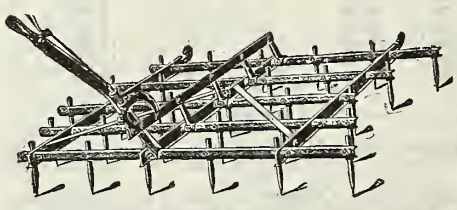
"The Eagle." This is a rotary planter, having three different sized plates which can be easily changed. Each, **$1.25.**

CAHOON SEEDER



It will seed evenly four to six acres per hour. It will scatter the following distances: Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight, 5½ lbs.

Price, **$3.00.**



PERFECT STEEL LEVER HARROW

All steel, in two sections, 30 teeth in section; light, strong, flexible. Teeth are spaced so as to cover ground thoroughly. They can be pitched forward to pulverize, or slanted backward for smoothing or clearing themselves.

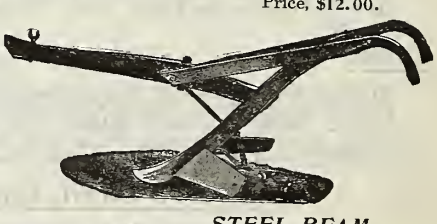
Price, **$12.00.**

SHOVEL PLOW

with Hinged Wings

This is one of the most valuable tools a market gardener can have. The wings are adjustable and can be set to suit any width of row,

Price, **$3.25**



STEEL BEAM POTATO DIGGER

The Original Potato Digger

One of the greatest labor-saving, most practical and simplest machines on the market for the farmer to-day. Has three rods and a plate on each side. The depth is regulated by the shoe in the rear.

Price, **$8.00.**

VAUGHAN'S HIGH-GRADE FERTILIZERS.

The Yield and Quality of Vegetables Depend Upon Continuous and Rapid Growth.

It has been demonstrated that market-garden crops of the best **quality are** those which are grown under conditions which permit of a continuous and rapid development. Any delay in the growth of a lettuce or radish causes that sharp and pungent flavor of the former and the bitterness and toughened fibre of the latter, beets become stringy, etc. Plant food of the right amount and kind controls the yield and quality of market-garden-products more than any other condition, and it is neither wise nor economical to depend on the natural condition of the soil or the application of stable manure only for profitable crops.

VAUGHAN'S HIGH-GRADE TRUCK AND FARM MANURE

This is our best brand of concentrated Manure, suitable for **lawns and flowers** as well as vegetables mentioned below. It is of exceptional value and will prove a **money maker** to every farmer or gardener that uses it.

To be used on	Rate per acre.
Essex Rape	200 to 500 lbs.
Asparagus	1000 lbs.
Beans	400 to 600 lbs.
Beet	500 to 1500 lbs.
Cabbage	400 to 1500 lbs.
Carrot	300 to 800 lbs.
Celery	600 to 800 lbs.
Cucumber	400 to 800 lbs.
Lettuce	500 to 1000 lbs.
Onion	500 to 1500 lbs.
Tomato	500 to 1000 lbs.
Strawberries	500 to 1000 lbs.

Price, 25 lbs 75c, 50 lbs $1.35, 100 lbs $2.60, 200 lbs $5.00, 500 lbs $11.75, 1000 lbs $22.50, 2000 lbs $44.00.

VAUGHAN'S "ROSE GROWER" BONE MEAL.

This is a special brand we have put up for our trade. Is is ground fine, hence acts quickly. Free from acid and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Ammonia 4½ to 5½ per cent; total phosphoric acid, 22 to 25 per cent; bone phosphate, 48 to 54 per cent. **Price, 5 lbs., 25c; 10 lbs , 50c; 25 lbs.. 75c; 50 lbs., $1.25; 100 lbs., $2.25; 200 lbs., $4.00; 500 lbs., $9.75; 1,000 lbs., $18.50; 2,000 lb., $36.00.**

Quantity Required. —For permanent pasture and mowing lands ½ to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1,000 to 1,500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn, as a base, 3 to 5 lbs. per 100 square feet.

REGULAR BONE MEAL. **5 lbs., 20c; 10 lbs.. 35c; 25 lbs., 60c; 50 lbs., $1.10; 100 lbs., $2.00; 200 lbs., $3.80; 500 lbs., $9.00; 1,000 lbs., $17.00; ton, $33.00.**

TRUCK MANURE No. 2. **"All Soluble."** This brand has been prepared for such crops as require an extra quick, strong fertilizer; should be mixed well into the soil. Adapted for tobacco, hops, potatoes, flax, sugar beets, early cabbage, cauliflower, celery, fruits, especially strawberries, suitable for all soils (except sour). Quantity of pounds to be used per acre: Corn, 300 to 500; Clover, 200; Timothy, 200; Pasture, 200 to 600; Early Cabbage and Melons, 400 to 800; Peas, 400 to 800; Pumpkin and Squash, 300 to 600; Radish and Spinach, 500 to 1,000. **Price, 25 lbs., 70c; 50 lbs., $1.25; 100 lbs., $2.25; 200 lbs., $4.00; 500 lbs., $9.50; 1,000 lbs., $18.00; 2,000 lbs., $35.00.**

VAUGHAN'S MANURE FOR HOME GARDEN. This is suited for all kinds of flowers, vegetables and the lawn, being a high-grade complete fertilizer, just what is needed to make plants grow. **Price, 5 lb. box, 30c; 10 lbs., 50c; 25 lb. bag, $1.00; 100 lbs., $3.00.**

FRUIT AND ROOT CROP MANURE. For fruit trees and small fruits, garden truck, tobacco, etc. Quick in starting, lasting in effect, giving firm, healthy growth and developing the fruit. Quantity of pounds to be used per acre: Beet, 500 to 1500; Carrot, 300 to 800; Parsnip, 400 to 1,000; Potato, 500 to 1,000; Sage, 200 to 600; Salsify, 500 to 1,000; Turnip, 500 to 1,000; Blackberries, 400 to 800; Grapes, 400 to 500; Strawberries, 500 to 1000. **Price, 25 lbs.. 65c; 50 lbs., $1.25; 100 lbs., $2.35; 200 lbs.. $4.25; 500 lbs., $9.00 1,000 lbs., $17.25; 2,000 lbs , $33.50.**

BONE AND BLOOD. For Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used it is especially adaptedto fruits, if applied early. For garden crops use 300 to 500 lbs. per acre. **Price, 25 lbs., 60c; 50 lbs., $1.00; 100 lbs., $1.85; 200 lbs., $3.25; 500 lbs., $8.75; 1000 lbs., $17.00; 2000 lbs, $33.00.**

CLAY'S FERTILIZER. This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. It should also be used in potting soil and as a top-dressing. **Price, 7 lbs., 75c; 14 lbs., $1.25; 28 lbs., $2.50; 56 lbs., $4.00; 112 lbs., $7.00.**

DRIED BLOOD. For top-dressing, for mixing with the soil. and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, mums, all kinds of pot plants. **Price, F. O. B. Chicago; 5 lbs., 35c; 10 lbs., 60c; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.85; 200 lbs., $7.50; 500 lbs., $17.50.**

HORN SHAVINGS. These are largely used by florists on such plants as Fuchsias, Geraniums, etc., and in the large vases in Parks and Cemeteries, to supply food after the natural fertility of the soil is exhausted. **Price, 5 lbs., 40c; 10 lbs., 70c; 25 lbs., $1.25; 100 lbs., $4.50.**

KAINIT or German Potash Salt. This contains an average of 12 per cent. of actual potash. It should be applied a considerable time before the crop is planted in order that it may be well distributed. It is not advisable to put it in the hill or row immediately before planting. Mixed with Bone Meal it is a splendid fertilizer as a top-dressing for fruit trees and small fruits. **Price, 10 lbs., 30c; 25 lbs., 50c; 100 lbs., $1.50; 500 lbs., $6.25; 1,000 lbs., $11.50.**

GUANO. A standard Fertilizer. **Price, 5 lbs., 35c; 10 lbs., 65c; 50 lbs., $2.60; 100 lbs., $4.50;** Write for prices on larger lots—subject to market changes.

SCOTCH SOOT. (Genuine Imported.) Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage. and its beneficial effect in freeing the soil from slugs, grubs and cut worms. **Price, 28 lbs., $1.50; 56 lbs., $2.50; 112 lbs,. $4.00.**

VAUGHAN'S CONCENTRATED PLANT FOOD

A most useful Fertilizer for all kinds of plants raised in pots, It produces a rapid and vigorous growth and an abundance of flowers.

Package containing food for 20 plants for 3 months. **15c; 3 for 40c;** if by mail, add 9c **per package.** Large package, containing sufficient plant food for one year, **25c; 3 for 65c;** if by mail, add 17c **per package.** Full directions in each pkg.

LEAF MOLD For Ferns. Clean Stock. **Per bbl., $2.25; 6 bbls., $12.00.**

VAUGHAN'S SHEEP MANURE.

This is a pure, natural Manure, and its effect is immediate; **it is** excellent for mixing with the soil for greenhouse plants—one **part** manure and six parts soil. Strewn over and dug into the **vegetable** garden or placed directly in drills or hills, it promotes a rapid, **steady** growth until maturity. It makes the richest, safest and **quickest** Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. **5 lbs., 25c; 10 lbs., 40c; 25 lbs., 65c; 50 lbs.. $1.00; 100 lbs., $1.75; 500 lbs., $7.00; 1,000 lbs., $11.00; ton, $20.00.**

MURIATE OF POTASH. A form of Potash Salts to be used with Bone Meal, Bone and Blood or farm manures on fruits, celery, asparagus, corn, oats, turnips, cucumbers, grapes, carrots, onions, peas, clover, and beans. Must not be used on hops, potatoes, tobacco, flax, sugar beets, cabbage or cauliflower. 50 to 400 lbs. per acre. **Price, 5 lbs., 30c; 10 lbs., 50c; 25 lbs.,$1.00; 50 lbs., $1.85; 100 lbs., $3.50; 200 lbs., $6.50; 500 lbs., $15.75. Write for prices on ton lots.**

SULPHATE OF POTASH. A desirable form of Potash to be used on all crops, but especially on tobacco, hops, potatoes, flax, sugar beets, cabbage or cauliflower. Use 50 to 400 lbs. per acre. It is the best form for greenhouse use, and may be applied either broadcasted and mixed with the soil, or in solution in water. In re-potting or in shallow beds, use a tablespoonful to a bushel of the soil. In water use a tablespoonful in 12 quarts. **Price, 5 lbs., 30c; 10 lbs., 50c; 25 lbs., $1.10; 50 lbs., $2.00; 100 lbs., $3.75; 200 lbs., $7.00; 500 lbs., $16.50.**

SULPHATE OF AMMONIA. Used for its Nitrogen. **A very desirable** fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or 3 gallons of water. **Price, 1 lb., 25c; 5 lbs., 60c: 10 lbs., $1.10; 25 lbs., $1.75; 100 lbs., $6.50.**

SHREDDED CATTLE MANURE. An efficient, high grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. There is no offensive odor, and when spread on lawn and garden it works down into the soil so there is no refuse to blow about or be raked off when the growing season begins. If applied to the lawn in the fall it protects the grass roots all through the winter. It is as easy and cleanly to handle as grain, being perfectly dry and can be stored anywhere until wanted for use. **Price, f. o. b., Chicago: 100 lbs., $1.80; 500 lbs., $7.00; 1,000 lbs., $13.50; 2,000 lbs., $21.00.**

REGARDING PRICES.—The above prices on Clay's Fertilizer, Nitrate of Soda, Horn Shavings, Scotch Soot, Guano and Vaughan's Manure for the Home Garden are f. o. b. New York or Chicago; all the other prices are f. o. b. Chicago; if to be shipped from New York, add at the rate of 50c. per 100 lbs., or $7.00 per ton on lots of 1,000 lbs. or over to the above prices.

VAUGHAN'S NITRATE OF SODA or Chili Saltpeter.

Nitrate of Soda is not a substitute for other manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Gardeners who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is **to grow maximum crops** you must in some way furnish the plants with Nitrogen. No matter what manure or fertilizer is used the Nitrogen must be converted into Nitrate before the plants can use it.

HOW TO USE NITRATE OF SODA.

Remove the lumps before using and break them up which can be done by pounding. Use as a top-dressing at the rate of 100 lbs. per acre on the following vegetables, when plants are well established: **Beets, Cabbage, Cauliflower, Cucumber, Celery, Egg Plant, Lettuce, Spinach, Onions.**

For **Asparagus**, a top-dressing of 250 lbs. per acre just as soon as the first shoots make their appearance.

For **Strawberries**, a top-dressing of about 100 lbs. per acre after the plants have blossomed.

For the **Home Garden** apply as a solution one ounce to two gallons of water.

Price (subject to market changes), 5 lbs 35c, 10 lbs 60c, 25 lbs $1.35, 100 lbs., $4.00; original sack (220 lbs.) $8.25; 500 lbs., $18.00. Write for prices on larger quantities.

Double and Single Wheel Hoes

IRON AGE

Hill and Drill Seeders

Write for Compiete Catalog.

We are Special Chicago Agents for Iron Age Tools.

More than 25 years' experience selling garden tools has shown us that the "Iron Age" line is the best in every way. Built right, of the best materials obtainable and designed to do all the sowing and cultivating necessary in a first-class garden. They are complete, adaptable tools—the kind you don't want to part with after you have once used them and know what they will do for you.

Transportation charges prepaid to any railroad station in the United States within 500 miles of Chicago or New York, on orders for "Iron Age" tools, or for seeds and tools amounting to $7.50. (Seeds not prepaid unless so offered on other pages.)

No. 6 Combined Double and Single Wheel Hoe, Hill and Drill Seeder.

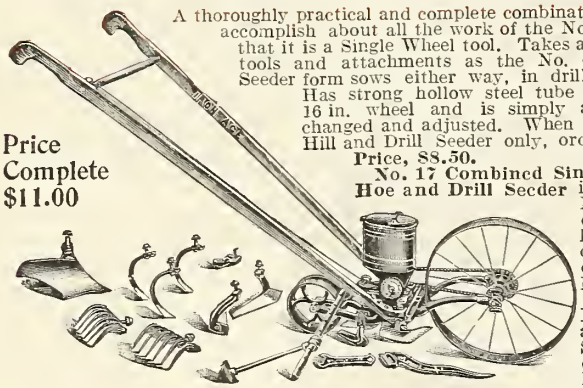
The most practical and complete garden tool on the market—four machines in one—a hill seeder, a drill seeder, a double wheel hoe to work astride the rows, a single wheel hoe to work between—each form complete and the equal of any tools on the market made as separate tools for separate purpose. The cut shows No. 6 set up as a seeder—sows accurately in hills at 4, 6, 8, 12 or 24 ins. apart or in drills with a quick change from one to the other—requires little power to operate it because it is light and easy running—is well constructed on sound principals and will wear well—is easily and simply adjusted.

Price Complete $12.00

No. 4 Combined Double and Single Wheel Hoe, and Drill Seeder is like No. 6 except it sows in drills only and has a different plow. **Price, $11.00.**

No. 15 Combined Single Wheel Hoe, Hill and Drill Seeder.

A thoroughly practical and complete combination. Will accomplish about all the work of the No. 6 except that it is a Single Wheel tool. Takes about same tools and attachments as the No. 6. In its Seeder form sows either way, in drills or hills. Has strong hollow steel tube frame, the 16 in. wheel and is simply and easily changed and adjusted. When wanted as Hill and Drill Seeder only, order No. 16. **Price, $8.50.**

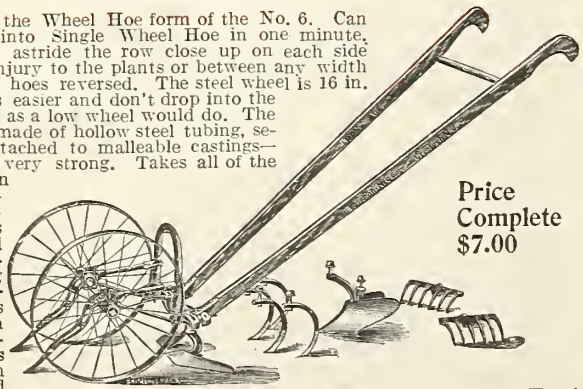


Price Complete $11.00

No. 17 Combined Single Wheel Hoe and Drill Seeder is same as No. 15 except that it has no hill-dropping device. **Price, $10.00.** If wanted as Drill Seeder only, order No. 18, **Price, $7.50.**

No. 1 Combined Double and Single Wheel Hoe.

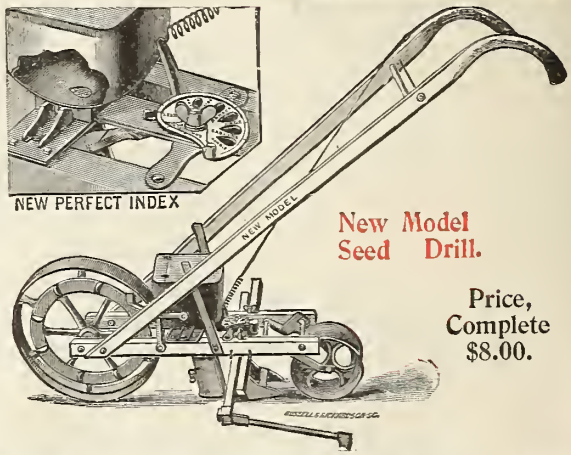
This is the Wheel Hoe form of the No. 6. Can be made into Single Wheel Hoe in one minute. Cultivates astride the row close up on each side without injury to the plants or between any width rows with hoes reversed. The steel wheel is 16 in. high, runs easier and don't drop into the low places as a low wheel would do. The frame is made of hollow steel tubing, securely attached to malleable castings—light and very strong. Takes all of the tools shown and various attachments for special work including Drill Attachments to sow in continuous rows or both drills and hills. The latter are $4.00 and $5.00 respectively. If this Wheel Hoe is wanted plain, with hoes only, order as No. 3. **Price $4.25.**



Price Complete $7.00

New Model Seed Drill.

NEW PERFECT INDEX



New Model Seed Drill.

Price, Complete $8.00.

Popular with seedsmen and market gardeners. Exact regulation of seed discharge by using an eccentric index or indicator which adjusts the slide for seed opening exactly where you want it. No series of holes which have to be used whether they answer or not. A swinging cut-off stops flow of seed—does not jam with falling seed.

"Gem" Single Wheel Garden Hoe.

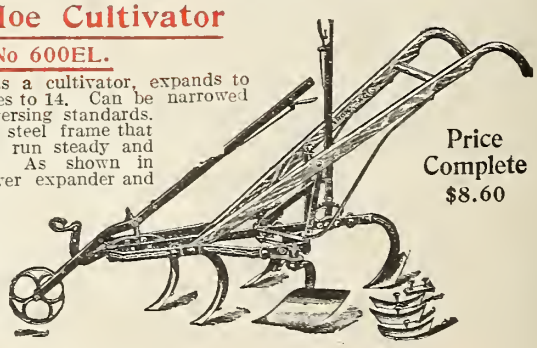
Price Complete $5.00.

Built largely of steel and malleable iron. Wheels and handles adjustable for height. The tools include five slender cultivator teeth, two sizes of cultivator teeth and a pair of plows which can be used separately or together.

Horse Hoe Cultivator

No 600EL.

When used as a cultivator, expands to 30 in. and closes to 14. Can be narrowed to 11 in. by reversing standards. Has long high steel frame that makes the tool run steady and clear of trash. As shown in the cut has lever expander and lever wheel. Can be furnished with plain wheel. Price $8.00 or with plain wheel and without lever expander, Price, $7.00.



Price Complete $8.60

Double Celery Hiller.

These are now considered indispensable in celery growing. The leaf lifters are adjustable in height, and are especially valuable for first workings. Fitted with lever wheel, hilling blades, 43 inches long, adjustable in height or width as wanted. **Price, $15.00.**

Single Celery Hiller.

Runs lighter than the double, and throws rather higher; it works any width rows. Where market gardeners plant close and first bleach every other row, it is "just the thing." **Price, $12.00.**